ERIC Document Resume	See Instruction Sheet	DATE OF RESUME 6/7/65	DATE RECEIVED

A. PUBLICATION DATA

1. ERIC NUMBER	2. ORIGINATOR CONTROL NO(S).	3. IDENTIFICATION NO.
ED000704	8148	OE-12015

DO NOT WRITE IN SPACE BELOW

4. AUTHOR(S):
N.A.

5. TITLE OF DOCUMENT ABSTRACTED:
Research Projects of the Cooperative Research Program; a Five-Year Summary, July 1, 1956-September 30, 1961

6. PUBLICATION TITLE:
N.A.

7. EDITOR(S):
N.A.

8. PLACE OF ORIGIN
ORG. Office of Edu.
ST. Dept. of HEW
CITY, STA Washington, DC
TELE. EXT.
INST/LOC CODE

9. PUBLISHER OR SOURCE
U.S. Govt. Printing Office

10. VOL.	11. PAGES	12. MO./YR.	13. TOTAL PP.
N.A.	N.A.	62	79

MICROFILM COPY AVAILABLE
YES ☒ NO ☐

COPYRIGHT GRANTED
YES ☐ NO ☒

COPYRIGHT RELEASE FILED
YES ☐ NO ☐

TYPE OF REPORT
PROPOSAL ☐
IN-PROGRESS ☐
FINAL ☒
FOLLOW-UP ☐

OTHER ERIC REFERENCES:

ERIC SATELLITE CODE

B. INDEXING DATA

14. SUBJECT AREA

15. TYPE OF ENDEAVOR
survey

16. INDEXING TERMS (6-12)
cooperative research
research
Office of Edu.
government
contracts

17. ABSTRACT (MAX. 250 WORDS)

This bulletin includes listings of research projects initiated under the Cooperative Research Program between July 1, 1956 and September 30, 1961. The projects are identified by project title, the name of the director or principal investigator(s), the institution or agency conducting the research, and the inclusive dates of the contracts. In addition, appendixes list the projects by the names of the directors, by State and institution or agency, and by subject index.

Final reports on completed projects are available on loan through depository libraries cooperating in the Documents Expediting Project of the Library of Congress. A list of the libraries participating in this project and the final reports which are available by photocopy or microfilm from the Photoduplication Service of the Library of Congress are also listed in appendixes.

NOT AVAILABLE FROM ERIC: CONTACT PUBLISHER

ERIC No.

18. SOURCE OF ABSTRACT

C. FUNDING DATA

19. SUPPORTING ORGANIZATION

20. DIVISION OR DEPT.

21. CONTRACT NO.

PROJECT NO.

22. TOTAL COST OF PROJECT

23. DURATION OF PROJECT

U.S. Department of Health, Education, and Welfare
Office of Education

ERIC Form 1

U. S. DEPARTMENT OF HEALTH, EDUCATION AND WELFARE
Office of Education

This document has been reproduced exactly as received from the person or organization originating it. Points of view or opinions stated do not necessarily represent official Office of Education position or policy.

R-6-19
OE-12015
8148

Research Projects of the Cooperative Research Program: *A Five-Year Summary*

July 1, 1956—September 30, 1961

U.S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
OFFICE OF EDUCATION

Withdrawn
ED000704

OE–12015

Research Projects of the Cooperative Research Program: *A Five-Year Summary*

July 1, 1956—September 30, 1961

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Abraham Ribicoff, Secretary

OFFICE OF EDUCATION
Sterling M. McMurrin, Commissioner

U.S. GOVERNMENT PRINTING OFFICE
WASHINGTON : 1962

For sale by the Superintendent of Documents, U.S. Government Printing Office
Washington 25, D.C.—Price 45 cents

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
OFFICE OF EDUCATION

COOPERATIVE RESEARCH PROGRAM

Purpose. The Office of Education provides support for research of significance to education through its Cooperative Research Program. The purpose of this Program is to develop new knowledge about major problems in education or to devise new applications of existing knowledge in solving such problems.

Authority. This Program is operated under the terms of Public Law 531, 83d Congress, which authorizes the Commissioner of Education to "enter into contracts or jointly financed cooperative arrangements with universities and colleges and State educational agencies for the conduct of research, surveys, and demonstrations in the field of education."

Procedure. The Office receives proposals for specific research projects from staff members in institutions of higher education or in State departments of education. All proposals are submitted for review to the Office of Education Research Advisory Committee which is composed of nine research specialists and educators. If a proposal is recommended for approval and approved by the Commissioner of Education, the Office negotiates a contract directly with the institution or agency for support of the project in terms of the funds available. The cooperating institution or agency is also expected to contribute to the total cost of the project, usually by providing some proportion of the professional services and/or facilities. (The average contribution to date from local sources has amounted to about 25 percent of the total cost of the research.)

Application. Copies of the instructions for submitting an application and the list of criteria used by the Advisory Committee in evaluating research proposals may be requested from the Office. (See inside of back cover.) Applications may be accepted only from colleges or universities and from State departments of education. There are three submission deadline dates each year--September 1, December 1, and April 1--and the Research Advisory Committee meets to consider the proposals from 60 to 90 days following these dates. Applications should be submitted as early as possible preceding these deadlines to allow adequate time for processing.

Projects. All of the projects initiated since the beginning of the Program are listed in this publication. Projects are identified by serial number, and the name of the director or responsible investigator(s), the institution or agency, the project title, and the inclusive dates of the contracts are also given. There are, in addition, three appendixes--one listing the projects under the names of the directors, another listing the projects by State and institution or agency, and another by subject index.

Final reports on completed projects are available on loan through depository libraries cooperating in the Documents Expediting Project of the Library of Congress. A list of the libraries participating in this project is

included in Appendix D of this booklet. Brief summaries of reports which have been completed are available on request from the Cooperative Research Program. Questions dealing with current projects should be addressed to the investigator(s) at the institution or agency where the research is being done.

SUMMARIES NOT INCLUDED

September 30, 1961

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Office of Education
Cooperative Research Program

PROJECTS INITIATED

(July 1, 1956 - September 30, 1961)

Project No.	Investigator and Location	Title and Duration
008	Dean Andrew and Francis Stroup Southern State College Magnolia, Arkansas	An Investigation of Factors Related to Educational Discontinuance of College-Ability High School Students October 1956 - September 1958
009	Arthur Kreisman Southern Oregon College Ashland, Oregon	A Block Teaching Project, Integrating Humanities and Social Science September 1957 - August 1959
011	Charles K. Ray University of Alaska College, Alaska	A Program of Education for Alaska Natives January 1957 - December 1958
012	Albert J. Reiss, Jr. Vanderbilt University Nashville, Tennessee	A Socio-Psychological Study of Conformity and Deviation Among Adolescents October 1956 - August 1958
014*	Donald D. Durrell Boston University Boston, Massachusetts	Language Achievements of Mentally Retarded Children October 1956 - June 1957
015*	William C. Kvaraceus Boston University Boston, Massachusetts	Refinement of a Non-Verbal Group Measure of Delinquency Proneness That Can be Used With Non-Readers, Slow Learners, and Mentally Retarded Children October 1956 - September 1959
018	William M. Cruickshank Syracuse University Syracuse, New York	A Study of the Structure of Attitudes of Parents of Mentally Retarded Children and a Study of Change in Attitude Structure October 1956 - January 1960

*Projects marked with an asterisk are available on microfilm and in photocopy. A price list of these documents is included in Appendix E of this booklet. Microfilm and photocopy orders should be placed with: Chief, Photoduplication Service, Library of Congress, Washington 25, D. C. When ordering please cite the Cooperative Research Program project serial number indicated in this publication.

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
019*	Rudolph J. Capobianco Syracuse University Syracuse, New York	Quantitative and Qualitative Analyses of Endogenous and Exogenous Children in Some Reading Processes December 1956 - November 1957
025	Carson McGuire University of Texas Austin, Texas	Factors Associated With the Educational Utilization of Human Talent February 1957 - August 1960
026*	John R. Peck University of Texas Austin, Texas	A Comparative Investigation of the Learning and Adjustment of Trainable Children in Public School Facilities, Local Segregated Facilities, and State Residential Centers January 1957 - September 1959
037	Christian W. Jung and Wendell W. Wright Indiana University Bloomington, Indiana	Why Capable High School Students Do Not Continue Their Schooling September 1956 - September 1958
039	Lloyd S. Standlee Indiana University Bloomington, Indiana	An Investigation of the Professional Preparation and Performance of Students Graduating from Teacher Training Institutions in Indiana October 1956 - October 1957
042	Jerome G. Manis Western Michigan University Kalamazoo, Michigan	The Educational Problems of Migrant Children January 1957 - September 1958
043*	Viola Cassidy and Jeannette C. Stanton Ohio State University Columbus, Ohio	An Investigation of Factors Involved in the Educational Placement of Mentally Retarded Children January 1957 - December 1958
047	Raymond G. Kuhlen Syracuse University Syracuse, New York	Motivational and Personality Factors in the Selection of Elementary and Secondary School Teaching as a Career October 1956 - January 1958
048	Raymond G. Kuhlen Syracuse University Syracuse, New York	A Study of Career Development in the Public School Teaching Profession With Special Reference to Changing Motivations, Pressures, Satisfactions, and Dissatisfactions February 1957 - January 1959

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
052	Sister Mary Viterbo McCarthy Regis College Weston, Massachusetts	The Effectiveness of a Modified Counseling Procedure in Promoting Learning Among Bright Underachieving Adolescents October 1956 - August 1957
055	Marguerite Thorsell Kansas State Department of Public Instruction Topeka, Kansas	The Education of Educable Mentally Retarded Children in Sparsely Populated Rural Areas January 1957 - December 1959
065	Roy C. Buck Pennsylvania State University University Park, Pennsylvania	Role Definition of the Teacher in the Public Education System and Selected Aspects of Community Life January 1957 - December 1959
076*	Gordon N. Cantor George Peabody College for Teachers Nashville, Tennessee	An Investigation of Discrimination Learning Ability in Mongoloid and Normal Children of Comparable Mental Age January 1957 - June 1958
078*	Charles V. Mange Syracuse University Syracuse, New York	Relationships Between Articulatory Development and Development of Phonetic Discrimination and Word Synthesis Abilities in Young Mentally Retarded and Normal Children December 1956 - March 1959
081*	Rudolph J. Capobianco Syracuse University Syracuse, New York	Reasoning Methods and Reasoning Ability in Mentally Retarded Children December 1956 - November 1957
082*	Louis M. DiCarlo Syracuse University Syracuse, New York	A Comparative Study of Some Characteristics in Better and Poorer Learners Among Children With Retarded Mental Development December 1956 - December 1957
090*	William M. Cruickshank Syracuse University Syracuse, New York	Specialized Educational Methodology With Hyperactive Mentally Retarded Children December 1956 - January 1959

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
091*	G. Orville Johnson Syracuse University Syracuse, New York	A Comparative Study on Some Learning Characteristics in Mentally Retarded and Normal Children of the Same Mental Age. I. Learning, Recognition, Recall, and Savings; II. Proactive and Retroactive Inhibition; III. Generalization; IV. Reasoning December 1956 - May 1958
092*	Rudolph *J. Capobianco* Syracuse University Syracuse, New York	*Social Behavior* of Mentally Retarded Children in Public School and Institution Environments December 1956 - November 1957
096	Warren A. Ketcham University of Michigan Ann Arbor, Michigan	A Description and Evaluation of Longitudinal Development Among Elementary Children at Ferndale, Michigan February 1957 - January 1958
098	Jacob W. Getzels and Philip W. Jackson University of Chicago Chicago, Illinois	The Gifted Adolescent in the Classroom January 1957 - June 1959
099	Alvin Zander University of Michigan Ann Arbor, Michigan	Social Adaptation of the Highly Intelligent Pupil February 1957 - September 1957
103*	Lloyd M. Dunn George Peabody College for Teachers Nashville, Tennessee	The Effectiveness of Special Day-Class Training Programs for Severely (Trainable) Mentally Retarded Children January 1957 - June 1958
109*	Leo F. Cain San Francisco State College San Francisco, California	Study of the Effect of Special Day-Training Classes for the Severely Retarded March 1957 - June 1958
120	James S. Coleman University of Chicago Chicago, Illinois	A Study of Social Climates in High Schools February 1957 - March 1959
127*	William M. Cruickshank Syracuse University Syracuse, New York	A Comparative Study of the Performance of Intellectually Retarded and Normal Boys on Selected Tasks Involving Learning and Transfer of Learning December 1956 - November 1957

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
131	Pablo Roca University of Puerto Rico Rio Piedras, Puerto Rico	Construction of a General Ability Group Test for Puerto Rican Students in Elementary and Secondary Schools February 1959 - August 1960
139*	W. R. Burris Mississippi State Department of Education Jackson, Mississippi	Study of Screening Procedures for Special Education Services to Mentally Retarded Children June 1957 - May 1959
142	Douglas Porter Harvard University Cambridge, Massachusetts	The Teaching of Phonemically and Orthographically Analyzed Spelling Materials by an Automatic Mechanical Teaching Device July 1957 - September 1958
144*	J. Wayne Wrightstone New York State Education Department Albany, New York	A Comparison of the Educational Outcomes Under Single and Two-Track Plans for Educable Mentally Retarded Children May 1957 - August 1959
145*	Drexel Lange, Lloyd L. Smith, and James B. Stroud Iowa State Department of Public Instruction Des Moines, Iowa	Effects of a Comprehensive Opportunity Program on the Development of Educable Mentally Retarded Children February 1957 - June 1959
146*	William R. Carriker Nebraska State Department of Education Lincoln, Nebraska	A Comparison of Post School Adjustment of Regular- and Special-Class Retarded Individuals Served in Lincoln and Omaha, Nebraska, Public Schools January 1957 - July 1957
148	Samuel M. Goodman New York State Education Department Albany, New York	The Development and Refinement and Testing of Tools, Descriptive Devices, and Analytical Methods for Measuring School Quality in Terms of Specific Educational Goals February 1957 - August 1958
149	Julian C. Stanley University of Wisconsin Madison, Wisconsin	Critique of Research on Psychological and Educational Factors in Mental Retardation February 1957 - June 1957

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
150	Kai Jensen University of Wisconsin Madison, Wisconsin	Conditions Influencing Insight and Problem-Solving Behavior in the Mentally Retarded January 1957 - June 1959
151	Virgil E. Herrick University of Wisconsin Madison, Wisconsin	Perception of Symbols in Skill Learning by Mentally Retarded Children January 1957 - June 1957
152*	Robert J. Francis University of Wisconsin Madison, Wisconsin	Motor Characteristics of the Mentally Retarded February 1957 - June 1957
153*	Herbert J. Klausmeier University of Wisconsin Madison, Wisconsin	An Analysis of Learning Efficiency in Arithmetic of Mentally Retarded Children in Comparison With Children of Average and High Intelligence January 1957 - June 1959
154*	Thomas A. Ringness University of Wisconsin Madison, Wisconsin	A Study of Emotional Reactions to Learning Situations as Related to the Learning Efficiency of Mentally Retarded Children January 1957 - June 1959
155*	Margaret Hudson George Peabody College for Teachers Nashville, Tennessee	Identification and Evaluation of Methods for Teaching Severely Retarded (Trainable) Children February 1957 - December 1958
156	J. T. Kelly and J. B. White University of Florida Gainesville, Florida	Florida Study of Teacher Education: An Evaluation of the Pre-Service Program February 1957 - June 1957
157*	Frances A. Mullen Illinois State Department of Public Instruction Springfield, Illinois	How Mentally Handicapped Children Learn Under Classroom Conditions March 1957 - December 1960
159*	M. D. Steer Purdue University Lafayette, Indiana	Application of Mowrer's Autistic Theory to the Speech Habilitation of Mentally Retarded Pupils June 1957 - May 1958

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
160	K. B. Hoyt and L. A. Van Dyke Iowa State Department of Public Instruction Des Moines, Iowa	A Study to Identify Factors Related to Withdrawal and Means of Increasing the Holding Power of Secondary Schools in Iowa February 1957 - June 1958
162*	Ruth Boyle Newark State College Newark, New Jersey	How Can Reading be Taught to Educable Adolescents Who Have Not Learned to Read April 1957 - June 1959
165*	Leon Lassers San Francisco State College San Francisco, California	A Study of the Relative Effectiveness of Different Approaches of Speech Training for Mentally Retarded Children March 1957 - December 1959
166**	Ernest V. Hollis U. S. Office of Education Washington, D. C.	Factors Related to Application, Admission, Registration, and Persistence in College January 1957 - June 1958
167	Maurice H. Fouracre Teachers College Columbia University New York, New York	The Effect of Group Training of Four- and Five-Year-Old Children Who Are Mentally Retarded January 1957 - December 1961
168*	Thelma G. Thurstone University of North Carolina Chapel Hill, North Carolina	An Evaluation of Educating Mentally Handicapped Children in Special Classes and in Regular Classes February 1957 - December 1959
169	Ruth E. Eckert and John E. Stecklein University of Minnesota Minneapolis, Minnesota	An Exploratory Study of Factors Influencing Choice of College Teaching as a Career February 1957 - November 1957
170	Irving Lorge Teachers College Columbia University New York, New York	Terminology and Concepts in Appraising the Mentally Retarded February 1957 - June 1958
171*	Stanley Ainsworth University of Georgia Athens, Georgia	An Exploratory Study of Educational, Social, and Emotional Factors in the Education of Retarded Children in Georgia Public Schools July 1957 - June 1959

**Involves contracts with 20 participating institutions.

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
172*	William G. Wolfe University of Texas Austin, Texas	Comparative Investigation of Methods of Testing Auditory and Visual Acuity of Trainable Mentally Retarded Children February 1957 - September 1959
173	William H. Edson University of Minnesota Minneapolis, Minnesota	An Experimental Study of the Admissions Interview in Teacher Education for Predicting Success in Teaching January 1957 - June 1958
174	Walter W. Cook University of Minnesota Minneapolis, Minnesota	A Study of Factors Operative in the Selective Retention of Students in Teacher Education January 1957 - June 1960
175	Ernest P. Willenberg California State Department of Education Sacramento, California	A Study of the Concerns and Rewards of Rearing Mentally Retarded Children July 1957 - June 1960
176*	John O. Anderson Southern Illinois University Carbondale, Illinois	Perceptual and Response Abilities of Mentally Retarded Children March 1957 - March 1959
178*	Thorlief G. Hegge, John J. Lee, Chester M. Loomis, and Paul H. Voelker Wayne State University Detroit, Michigan	Study of Social Adequacy and of Social Failure of Mentally Retarded Youth in Wayne County, Michigan January 1957 - June 1959
179	George G. Stern Syracuse University Syracuse, New York	Sociological and Educational Factors in the Etiology of Juvenile Delinquency February 1957 - January 1959
181	Nathan Goldman Syracuse University Syracuse, New York	A Socio-Psychological Study of Acts of Vandalism in Schools February 1957 - July 1959
183	George G. Stern Syracuse University Syracuse, New York	Unconscious Factors in Career Motivation for Teaching February 1957 - January 1958

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
184*	Nancy E. Wood Western Reserve University Cleveland, Ohio	Study of the Communication Problems and Their Effect on the Learning Potential of the Mentally Retarded Child April 1957 - December 1959
185*	Willard Abraham Arizona State University Tempe, Arizona	Investigation of Mental Retardation and Pseudo-Mental Retardation in Relation to Bilingual and Sub-Cultural Factors June 1957 - June 1960
186	E. Gil Boyer Rhode Island State Department of Education Providence, Rhode Island	The Adaptation for Group Classroom Use of Clinical Techniques for Teaching Brain-Injured Children September 1959 - February 1961
192	Maynard C. Reynolds University of Minnesota Minneapolis, Minnesota	Comparative Study of Day-Class vs. Institutionalized Educable Retardates May 1957 - June 1960
200	Paul H. Bowman University of Chicago Chicago, Illinois	Study of the Motivations of Youth for Leaving School July 1957 - June 1959
201	William W. Wattenberg Wayne State University Detroit, Michigan	Relationship of School Experiences to Delinquency September 1957 - June 1959
208	Paul H. Bowman University of Chicago Chicago, Illinois	Educational Motivation Patterns of Superior Students Who Do and Who Do Not Achieve in High School July 1957 - June 1959
212	Leon R. Graham Texas Education Agency Austin, Texas	The Development of Standard and Correlated Dimensions of Material-Components in School Construction September 1957 - June 1960
214	Daniel E. Griffiths Teachers College Columbia University New York, New York	Development of Criteria of Success in School Administration May 1957 - June 1960
217	John B. Carroll Harvard University Cambridge, Massachusetts	Personality Factors in the Development of Communication and Leadership Skills September 1957 - June 1960
221	Blake S. Root George Washington University Washington, D. C.	An Evaluation of Supervised Correspondence Study as a Means of Helping Relieve the Teacher Shortage July 1957 - March 1958

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
226	John C. Flanagan University of Pittsburgh Pittsburgh, Pennsylvania	A Survey and Follow-up Study of Educational Plans and Decisions in Relation to Aptitude Patterns July 1957 - June 1962
244	Roxana R. Ford and Cyril J. Hoyt University of Minnesota Minneapolis, Minnesota	The Identification and Measurement of Secondary School Homemaking Teachers' Attitudes and Other Characteristics Associated With Their Ability to Maintain Desirable Learning Situations July 1957 - June 1960
245	W. H. Cowley Stanford University Stanford, California	Organization of the Study of Education July 1957 - June 1959
247	J. Kenneth Little University of Wisconsin Madison, Wisconsin	A State-Wide Inquiry Into: (a) Decisions of Youth About Education Beyond High School, (b) Factors Which Influence These Decisions May 1957 - August 1958
258	B. Othanel Smith University of Illinois Urbana, Illinois	The Logical Structure of Teaching and the Development of Critical Thinking September 1957 - August 1962
259A	Eric F. Gardner Syracuse University Syracuse, New York	Influence of Adolescents' Social Values on Personal Relations With Other Adolescents and With Teachers July 1957 - June 1962
259B	George G. Thompson Ohio State University Columbus, Ohio	Investigation and Measurement of the Social Values Governing Interpersonal Relations Among Adolescent Youth and Their Teachers October 1959 - June 1962
263*	Theodore E. Harris and Virgil E. Herrick University of Wisconsin Madison, Wisconsin	Perception of Symbols in Skill Learning by Mentally Retarded, Gifted, and Normal Children July 1957 - June 1961
266*	Abraham H. Blum and William E. Martin Purdue University Lafayette, Indiana	Psychological Characteristics Underlying the Educability of the Mentally Retarded Child. I. Concept Formation and Transposition in Young Mentally Retarded and Normal Children September 1957 - August 1958

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
273	Marian B. Miller Delaware State Department of Education Dover, Delaware	A Pilot Study in Developmental Guidance at the Elementary School Level September 1957 - August 1961
274	T. Bentley Edwards University of California Berkeley, California	Attitudes of High School Students as Related to Success in School August 1957 - July 1958
275	Miles V. Zintz University of New Mexico Albuquerque, New Mexico	Problems of Adjustment of Indian and Non-Indian Children in the Public Elementary Schools of New Mexico August 1957 - July 1960
289	John H. Gaeth Wayne State University Detroit, Michigan	Verbal Learning Among Children With Reduced Auditory Acuity September 1957 - August 1960
297	Frederick B. Davis and Gerald S. Lesser Hunter College New York, New York	The Identification and Classroom Behavior of Elementary School Children Each of Whom is Gifted in at Least One of Five Different Characteristics September 1957 - August 1959
307	Theodore Albers Colorado State Department of Education Denver, Colorado	The Improvement of School Organization and Administration to Meet the Needs of Children of Migrant Farm Workers January 1958 - December 1960
308	William P. Odell Stanford University Stanford, California	Community Understanding as a Factor in the Financial Support of Public Education August 1957 - June 1960
309	Calvin F. Schmid University of Washington Seattle, Washington	Effects of Population Trends and Social Change on Educational Institutions in the State of Washington September 1957 - November 1958
313*	Velma Linford Wyoming State Department of Education Cheyenne, Wyoming	Identification of Mentally Retarded Children in Wyoming Through Objective State-Wide Screening October 1957 - October 1958
320	Paul R. Klohr Ohio State University Columbus, Ohio	Identification and Development of Talent in Heterogeneously Grouped Students in a General Education Program at the Secondary School Level January 1958 - June 1959

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
324	Walter Loban University of California Berkeley, California	Language Ability in the Middle Grades of the Elementary School January 1958 - December 1960
330	Robert C. Angell, John Colombotos, Amos Hawley, and Morris Janowitz University of Michigan Ann Arbor, Michigan	Career Conflicts in School Systems: A Comparative Study December 1957 - May 1959
332*	Howard Newburger and Helen Schucman New York University New York, New York	Measurement of Educability of Severely Mentally Retarded Children April 1958 - April 1959
333	James W. Reynolds University of Texas Austin, Texas	Development of Community Centered Programs in Junior Colleges January 1958 - August 1959
336	Robert E. Hewes and Richard W. Willard Massachusetts Institute of Technology Cambridge, Massachusetts	Investigation of the Use of Statistics in Counseling Students January 1958 - June 1959
341	Samuel E. Burr, Jr. American University Washington, D. C.	The Development of Fiscal Relationships of State Departments of Education February 1958 - September 1958
348	Walter T. Plant San Jose State College San Jose, California	Personality Changes Associated With a College Education February 1958 - September 1962
352	Louis M. Heil Brooklyn College Brooklyn, New York	Characteristics of Teacher Behavior and Competency Related to the Achievement of Different Kinds of Children in Several Elementary Grades February 1958 - January 1960
353	Marie M. Hughes University of Utah Salt Lake City, Utah	Development of Means for the Assessment of the Quality of Teaching in the Elementary Schools April 1958 - August 1959

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
365*	Dale B. Harris University of Minnesota Minneapolis, Minnesota	A Study of the Modification of Parental Attitudes Toward and Understanding of Mentally Retarded Children April 1958 - August 1959
367	Paul A. Witty Northwestern University Evanston, Illinois	A Study of the Interests of Children and Youth June 1958 - December 1959
368	Merle W. Tate University of Pennsylvania Philadelphia, Pennsylvania	Differences Between Good and Poor Problem Solvers April 1958 - August 1959
371	Bruce J. Biddle University of Kansas City Kansas City, Missouri	Role of the Teacher and Occupational Choice July 1958 - August 1960
372	Paul L. Dressel Michigan State University East Lansing, Michigan	Critical Thinking, Attitudes, and Values in Higher Education April 1958 - September 1959
375	Burton W. Kreitlow University of Wisconsin Madison, Wisconsin	Long-Term Study of Educational Effectiveness of Newly Formed Centralized School Districts in Rural Areas April 1958 - June 1961
377	William W. Wattenberg Wayne State University Detroit, Michigan	Relationship of Self-Concept to Beginning Achievement in Reading July 1958 - June 1962
378	C. Robert Pace and George G. Stern Syracuse University Syracuse, New York	Studies of College Environments July 1958 - June 1960
379	T. Bentley Edwards University of California Berkeley, California	The Specialization of Attitudes as Related to Academic Success at Varying Academic Levels August 1958 - June 1961
382*	Philip A. Annas Maine State Department of Education Augusta, Maine	Development of a Program for Educable Mentally Retarded Children in Rural Schools April 1958 - September 1959

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
385	John K. Coster, Norbert J. Nelson, and Frank J. Woerdehoff Purdue University Lafayette, Indiana	Vocational Education in Public Schools as Related to Social, Economic, and Technical Trends June 1958 - November 1959
387	Mildred C. Templin University of Minnesota Minneapolis, Minnesota	A Study of Cognitive Development and Performance in Children With Normal and Defective Hearing April 1958 - March 1963
390*	Richard deCharms and Thomas E. Jordan Washington University St. Louis, Missouri	Achievement Motivation in Normal and Mentally Retarded High School Children March 1958 - January 1959
392	Frederick B. Davis and Gerald S. Lesser Hunter College New York, New York	The Identification of Gifted Elementary School Children With Exceptional Scientific Talent July 1958 - March 1960
397	Ned A. Flanders University of Minnesota Minneapolis, Minnesota	The Effects of Direct and Indirect Teacher Influence on Learning July 1958 - September 1960
401	Melvin S. Brooks Southern Illinois University Carbondale, Illinois	Effect of Migrant Farm Labor on the Education of Children May 1958 - June 1959
403	Alexander Calandra Washington University St. Louis, Missouri	A Project in the Teaching and Development of an Integrated Physics-Algebra Course at the Ninth-Grade Level April 1958 - March 1959
407	Donald D. Durrell Boston University Boston, Massachusetts	Adapting Instruction to the Learning Needs of Children in the Intermediate Grades May 1958 - October 1959
408	Clyde J. Baer Missouri State Department of Education Jefferson City, Missouri	A Preliminary Exploration of Factors Associated With School Holding-Power for Educable Mentally Retarded Adolescents April 1958 - January 1962

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
412	Archie O. Haller Michigan State University East Lansing, Michigan	Relation of Occupational Aspiration to Educational, Social, and Psychological Factors March 1958 - February 1961
416*	Leo F. Cain San Francisco State College San Francisco, California	Study of the Effect of Special Day-Training Classes for the Severely Mentally Retarded July 1958 - June 1959
418*	Lee Meyerson University of Houston Houston, Texas	The Measurement of Sensory Thresholds in Exceptional Children June 1958 - November 1959
419	Nicholas A. Fattu Indiana University Bloomington, Indiana	Problem-Solving Performance of Elementary School Teachers on Professional Criteria July 1958 - June 1960
423	Nellie D. Hampton and Tom A. Lamke Iowa State Department of Public Instruction Des Moines, Iowa	Effects of Special Training on the Achievement and Adjustment of Gifted Children March 1958 - June 1959
424	Ralph Garry Boston University Boston, Massachusetts	An Experiment in Teaching Topographical Orientation and Spatial Organization to Congenitally Blind Children April 1958 - September 1959
428	Herbert A. Thelen University of Chicago Chicago, Illinois	Development of Educational Methods for Different Types of Students July 1958 - August 1960
436	William W. Cooley Harvard University Cambridge, Massachusetts	Career Development of Scientists: An Overlapping Longitudinal Study July 1958 - June 1963
438	T. R. McConnell University of California Berkeley, California	The Influence of Different Types of Public Higher Institutions on College Attendance From Varying Socio-Economic and Ability Levels October 1958 - September 1959

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
444	Robert M. W. Travers University of Utah Salt Lake City, Utah	Measured Needs of Teachers and Their Behavior in the Classroom October 1958 - September 1961
451	Alvin Zander University of Michigan Ann Arbor, Michigan	The Influence of Teachers and Peers on Aspirations of Youth September 1958 - August 1960
453	John Schmid University of Arkansas Fayetteville, Arkansas	An Analysis of Some Necessary Qualities of Effective Teachers January 1959 - January 1962
454	John I. Goodlad University of Chicago Chicago, Illinois	The Development of a Conceptual System for Dealing With Problems of Curriculum and Instruction July 1958 - June 1960
457	John A. Demming and Walter D. Smith Florida State University Tallahassee, Florida	Late School Entrance and Children's Adjustment June 1958 - September 1958
458	Horace M. Bond Atlanta University Atlanta, Georgia	A Study of Factors Involved in the Identification and Encouragement of Unusual Academic Talent Among Underprivileged Populations September 1958 - August 1960
469	Norman D. Bowers and Robert S. Soar Vanderbilt University Nashville, Tennessee	Evaluation of Laboratory Human Relations for Classroom Teachers December 1958 - January 1961
470*	Kathryn A. Blake Syracuse University Syracuse, New York	Studies of the Effects of Systematic Variations of Certain Conditions Related to Learning. I. Conditions of Reinforcement June 1958 - September 1959
473	Roger E. Wilk University of Minnesota Minneapolis, Minnesota	A Study of the Relationship Between the Observed Classroom Behaviors of Elementary Student Teachers, Predictors of Those Behaviors, and Ratings by Supervisors June 1958 - September 1959

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
477	James G. Cooper Territorial College of Guam Agana, Guam	Teaching Language Arts to the Non-English Speaking Children of Guam October 1958 - October 1961
485	J. Kenneth Little University of Wisconsin Madison, Wisconsin	Factors Which Influence Decisions of Youth About Education Beyond High School: Follow-Up Studies September 1958 - August 1959
489	Mary V. Gaver Rutgers University New Brunswick, New Jersey	Effectiveness of Centralized Library Service in Elementary Schools (Phase I) January 1959 - June 1960
492	Theodore D. Hanley, Frances Patton, George Shaffer, and M. D. Steer Purdue University Lafayette, Indiana	An Assessment of Behavioral and Academic Implications of Hearing Loss Among School Children February 1959 - July 1960
495	Bruce M. Siegenthaler Pennsylvania State University University Park, Pennsylvania	Motivation of Speech and Hearing Handicapped Children February 1959 - June 1960
499	John W. Keys University of Oklahoma Norman, Oklahoma	Effects and Interactions of Auditory and Visual Cues Utilized in Oral Communication February 1959 - January 1960
502	Edgar L. Lowell University of Southern California Los Angeles, California	Education of the Aurally Handicapped: A Psycholinguistic Analysis of Visual Communication January 1959 - June 1960
503	George G. Mallinson Western Michigan University Kalamazoo, Michigan	An Analysis of the Factors Related to the Motivation and Achievement of Students in Science Courses in the Junior and Senior High School February 1959 - August 1963
507	Albert J. Reiss, Jr. State University of Iowa Iowa City, Iowa	A Socio-Psychological Study of Conformity and Deviation Among Adolescents October 1958 - October 1959

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
509	J. Thomas Hastings University of Illinois Urbana, Illinois	The Use of Test Results December 1958 - August 1960
510	Walter D. Smith Florida State University Tallahassee, Florida	Late School Entrance, Social Acceptance, and Children's School Achievement January 1959 - October 1959
512	Joseph M. Masling and George G. Stern Syracuse University Syracuse, New York	The Pedagogical Significance of Unconscious Factors in Career Motivation for Teaching February 1959 - September 1960
513*	Mamie L. T. Wilson Grambling College Grambling, Louisiana	A Comparative Study of the Speech Responses and Social Ages of Two Selected Groups of Educable Mental Retardates February 1959 - January 1960
525	Nicholas A. Fattu Indiana University Bloomington, Indiana	A Survey of Educational Research and an Appraisal by Scientists From Other Fields October 1958 - August 1960
526	Jackson Toby Rutgers University New Brunswick, New Jersey	The Status of Schoolboys and School Leavers as Factors in Their Friendship Changes January 1959 - August 1961
532	LeRoy C. Ferguson Michigan State University East Lansing, Michigan	How State Legislators View the Problem of School Needs January 1959 - August 1959
538	Jack A. Holmes University of California Berkeley, California	Significant Differences in the Substrata Factor Patterns Which Underlie Reading Ability in Known Groups at the High School Level February 1959 - February 1961
542	Allison Davis and Robert D. Hess University of Chicago Chicago, Illinois	Relationships Between Achievement in High School, College, and Occupation: A Follow-Up Study November 1958 - October 1961
543	Andrew W. Halpin University of Utah Salt Lake City, Utah	Organizational Climate of Schools September 1959 - February 1961

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
550	Edwin H. Sauer Harvard University Cambridge, Massachusetts	Contract Correcting - The Use of Lay Readers to Assist High School English Teachers in Grading Compositions December 1958 - June 1961
551	Donald W. Oliver Harvard University Cambridge, Massachusetts	Teaching High School Students a Critical Approach to Contemporary National Issues December 1958 - June 1962
554	Robert G. Petzold University of Wisconsin Madison, Wisconsin	The Perception of Music Symbols in Music Reading by Normal Children and by Children Gifted Musically January 1959 - June 1959
557	Ruth E. Eckert University of Minnesota Minneapolis, Minnesota	A Study of the Motivations, Activities, and Satisfactions of Present and Prospective Women College Faculty Members May 1959 - June 1960
561	Ruth G. Strickland Indiana University Bloomington, Indiana	The Language Used by Elementary School Children and Its Relationship to the Language of Reading Textbooks and the Quality of Children's Reading Skill February 1959 - January 1962
562	David C. Beardslee and Donald D. O'Dowd Wesleyan University Middletown, Connecticut	College Student Images of a Selected Group of Professions and Occupations December 1958 - September 1959
566	John C. Flanagan University of Pittsburgh Pittsburgh, Pennsylvania	The Identification, Development, and Utilization of Human Talents December 1958 - November 1960
570	Louis M. Smith Washington University St. Louis, Missouri	Pupil Expectations of Teacher Leadership Behavior March 1959 - January 1960
573	Robert E. Stake University of Nebraska Lincoln, Nebraska	The Effect of TV Instruction on Individual Learning Curves April 1959 - November 1959
574	Elizabeth P. Hagen and Robert L. Thorndike Teachers College Columbia University New York, New York	Characteristics of Men Who Have Remained In and Those Who Have Left Teaching April 1959 - June 1960

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
577	Walter R. Borg Utah State University Logan, Utah	An Evaluation of Ability Grouping June 1959 - December 1962
578	Neil A. Carrier and Leslie F. Malpass Southern Illinois University Carbondale, Illinois	Responses of Bright, Normal, and Retarded Children to Learning Tasks April 1959 - March 1961
589	Leo F. Cain San Francisco State College San Francisco, California	Study of the Effect of Special Day Training Classes for the Severely Mentally Retarded July 1959 - June 1961
590	Paul L. Dressel Michigan State University East Lansing, Michigan	Critical Thinking, Attitudes, and Values in Higher Education October 1959 - December 1962
591	Craig Wilson West Virginia State Department of Education Charleston, West Virginia	The Incentive Approach to School Improvement June 1959 - December 1960
594	Roger G. Barker University of Kansas Lawrence, Kansas	The Effects of School and Community Size Upon the Education of Children July 1959 - August 1962
608	Elizabeth M. Drews Michigan State University East Lansing, Michigan	The Effectiveness of Homogeneous and Heterogeneous Ability Grouping in Ninth-Grade English Classes With Slow, Average, and Superior Students March 1959 - March 1961
613	E. J. Asher Purdue University Lafayette, Indiana	The Teenager's Conception of Mental Illness March 1959 - September 1959
614	Nellie D. Hampton Iowa State Teachers College Cedar Falls, Iowa	Effects of Special Training on the Achievement and Adjustment of Gifted Children March 1959 - August 1960
619	Herbert Goldstein University of Illinois Urbana, Illinois	The Efficacy of Special Class Training on the Development of Mentally Retarded Children July 1959 - November 1964

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
620	Margaret C. Byrne University of Kansas Lawrence, Kansas	Development and Evaluation of a Speech Improvement Program for Kindergarten and First-Grade Children July 1959 - August 1962
621	Calvin W. Taylor University of Utah Salt Lake City, Utah	Development of a Theory of Education From Psychological and Other Research Findings June 1959 - September 1960
623	Merle M. Ohlsen and Fred C. Proff University of Illinois Urbana, Illinois	The Extent to Which Group Counseling Improves the Academic and Personal Adjustment of Underachieving Gifted Adolescents March 1959 - June 1960
624	Seymour B. Sarason Yale University New Haven, Connecticut	A Study of Teacher Behavior in Relation to Children Differing in Anxiety Level July 1959 - June 1962
629	George L. Brandon Michigan State University East Lansing, Michigan	The Development of a Research Design to Investigate the Functional Understandings of Technicians as Bases for Curriculum Planning in Technical Education April 1959 - August 1960
635	John C. Flanagan University of Pittsburgh Pittsburgh, Pennsylvania	The Identification, Development, and Utilization of Human Talents April 1959 - June 1963
637	Raymond C. Norris George Peabody College for Teachers Nashville, Tennessee	An Empirical Investigation of the Effects of Non-Normality Upon the Sampling Distribution of the Product Moment Correlation Coefficient April 1959 - March 1960
639	Harry Levin Cornell University Ithaca, New York	A Basic Research Program on Reading July 1959 - June 1962
640	Archie N. Solberg University of Toledo Toledo, Ohio	Facilities and Equipment Presently Available for Teaching Science in the High Schools March 1959 - December 1959
642	Philip H. DuBois Washington University St. Louis, Missouri	An Evaluative Study of Psychological Research on the Teaching of Mathematics March 1959 - June 1959

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
647	Earl J. McGrath Teachers College Columbia University New York, New York	Analysis of the Curricular Offerings in Several Independent Liberal Arts Colleges July 1959 - January 1961
648	William H. Lucio University of California Los Angeles, California	Prediction of Teacher Performance and Emotional Stability September 1959 - March 1961
649	M. D. Steer Purdue University Lafayette, Indiana	Speech Pathology and Audiology Programs in Elementary and Secondary Schools: A National Survey of Current Status and Problems April 1959 - March 1961
657	Donald Thistlethwaite Northwestern University Evanston, Illinois	Factors Influencing the Recruitment and Training of Intellectually Talented Students in Higher Educational Programs July 1959 - January 1962
661	Lawrence M. Stolurow University of Illinois Urbana, Illinois	Principles for Programming Learning Materials in Self-Instructional Devices for Mentally Retarded Children July 1959 - December 1961
664	John E. Drevdahl University of Miami Coral Gables, Florida	A Study of the Etiology and Development of the Creative Personality January 1960 - June 1961
668	Roy C. Bryan Western Michigan University Kalamazoo, Michigan	The Use of Student Reactions to Teachers for the Purpose of Improving Instruction and Evaluating Teacher Merit in Public Elementary and Secondary Schools September 1959 - August 1962
669	Irvin L. Child Yale University New Haven, Connecticut	A Study of Esthetic Judgment October 1959 - September 1962
672	G. R. Boyd Troy State College Troy, Alabama	Classroom Adjustment of the Unaccepted Child Through Changes in Teachers' Attitudes and Behavior August 1959 - December 1960
674	Donald R. Thomas University of Wisconsin Madison, Wisconsin	Determining an Effective Educational Program for Children of Migratory Workers in Wisconsin September 1959 - September 1960

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
677	Edgar L. Morphet University of California Berkeley, California	Procedures for Identifying Persons With Potential for Public School Administrative Positions September 1959 - December 1960
681	H. T. Manuel University of Texas Austin, Texas	The Preparation and Evaluation of Inter-Language Testing Materials September 1959 - August 1961
684	Malcolm R. Westcott Vassar College Poughkeepsie, New York	Inference, Guesswork, and Creativity October 1959 - December 1962
685	Stephen P. Quigley Gallaudet College Washington, D. C.	An Experimental Investigation of the Effects of Institutionalization on the Psycho-Educational Development of Children With Impaired Hearing August 1959 - June 1961
686	Walter W. Cook University of Minnesota Minneapolis, Minnesota	A Study of the Factors Operative in the Selective Retention of Students in Teacher Education, Part II August 1959 - July 1963
690	Beatrice F. Jacoby Queens College Flushing, New York	The Role of Non-Verbal Symbols in the Education of the Deaf September 1959 - August 1961
691	Robert Glaser and Lloyd E. Homme University of Pittsburgh Pittsburgh, Pennsylvania	Investigations of Variations in the Properties of Self-Tutoring Learning Sequences September 1959 - August 1961
695	Kathryn A. Blake University of Georgia Athens, Georgia	Studies of the Effects of Systematic Variations of Certain Conditions Related to Learning. II. Conditions of Practice September 1959 - June 1961
696	Ruth B. Glassow University of Wisconsin Madison, Wisconsin	Improvement of Motor Development and Physical Fitness in Elementary School Children August 1959 - September 1961
697	Robert F. DeHaan Hope College Holland, Michigan	A Study of Leadership in School Age Children September 1959 - August 1961

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
701	Raymond B. Cattell University of Illinois Urbana, Illinois	Prediction and Understanding of the Effect of Children's Interests on School Performance September 1959 - August 1961
702	J. Thomas Hastings University of Illinois Urbana, Illinois	Effects on Use of Tests by Teachers Trained in a Summer Institute July 1959 - April 1961
708	John B. Lansing University of Michigan Ann Arbor, Michigan	Contributions by Parents Toward the Cost of Higher Education August 1959 - November 1960
714	Neal Gross Harvard University Cambridge, Massachusetts	Role of the Elementary, Junior High, and Senior High School Principal July 1959 - June 1960
715	William W. Cooley Harvard University Cambridge, Massachusetts	Evaluation and Follow-Up Study of Thayer Academy's Summer Advance Study Program in Science and Mathematics July 1959 - June 1960
722	Richard L. Simpson University of North Carolina Chapel Hill, North Carolina	Occupational Choice and Mobility in the Urbanizing Piedmont of North Carolina August 1959 - August 1960
725	E. Paul Torrance University of Minnesota Minneapolis, Minnesota	Role of Evaluation in Creative Thinking August 1959 - October 1960
727	Patrick Suppes Stanford University Stanford, California	The Development of Mathematical Concepts in Children September 1959 - August 1962
729	Julian F. S. Foster University of Santa Clara Santa Clara, California	The Impact of a Value-Oriented University on Student Attitudes and Thinking August 1959 - January 1961
730	William F. Battig University of Virginia Charlottesville, Virginia	Analysis of Processes in Paired-Associate Learning October 1959 - September 1961

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
736	Mervin B. Freedman Vassar College Poughkeepsie, New York	Measurement and Evaluation of Change in College Women September 1959 - August 1961
737	J. P. Guilford University of Southern California Los Angeles, California	Creative Thinking in Children at the Junior High School Level August 1959 - August 1961
739	Charles Van Riper Western Michigan University Kalamazoo, Michigan	An Investigation of Differential Biaural Stimulation in the Teaching of Foreign Languages September 1959 - October 1960
742	Carson McGuire University of Texas Austin, Texas	Factors Associated With the Educational Utilization of Human Talents, Part II August 1959 - August 1960
748	Harold C. Hoffsommer University of Maryland College Park, Maryland	Study of Leisure Activities and Interests of Teenage Youth September 1959 - October 1960
753	William Morse University of Michigan Ann Arbor, Michigan	Observational Study of School Classroom Behavior From Diverse Evaluative Frameworks: Developmental, Mental Health, Substantive Learning, and Group Process October 1959 - September 1961
757	Arthur A. Dole University of Hawaii Honolulu, Hawaii	A Study of Values as Determinants of Educational-Vocational Choices in Hawaii October 1959 - September 1960
761	Howard E. Gruber University of Colorado Boulder, Colorado	Self-Directed Study: An Experiment in Higher Education at the University of Colorado September 1959 - February 1961
763	Edwin C. Lewis Iowa State University Ames, Iowa	Student-Teacher Interaction as a Determiner of Effective Teaching September 1959 - June 1960
766	Robert G. Petzold University of Wisconsin Madison, Wisconsin	Development of Auditory Perception of Musical Sounds by Children in the First Six Grades September 1959 - June 1960

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
783	Roscoe A. Boyer University of Mississippi University, Mississippi	The Use of Mathematical Programming to Solve Certain Problems in Public School Transportation June 1960 - May 1961
787	Edgar Z. Friedenberg and Carl Nordstrom Brooklyn College Brooklyn, New York	Why Successful Students of the Natural Sciences Abandon Careers in Science January 1960 - June 1961
789	Julian C. Stanley University of Wisconsin Madison, Wisconsin	Development and Analysis of Experimental Designs for Ratings February 1960 - June 1961
790	Charles D. Smock Purdue University Lafayette, Indiana	Effects of Motivational Factors on Perceptual-Cognitive Proficiency of Children Who Vary in Intellectual Level February 1960 - August 1962
798	Bryce B. Hudgins and Louis M. Smith Washington University St. Louis, Missouri	Effectiveness and Efficiency of Problem-Solving Laboratory Groups and Classroom Groups as Functions of Selected Individual and Group Variables February 1960 - May 1962
801	Wallace H. Maw University of Delaware Newark, Delaware	The Measurement of Curiosity in Elementary School Children January 1960 - December 1961
803	H. Thomas James Stanford University Stanford, California	Revenue Sources for the Support of Public Education January 1960 - March 1961
805	Leonard D. Goodstein State University of Iowa Iowa City, Iowa	Personality Correlates of Academic Adjustment January 1960 - December 1961
812	James N. Morgan University of Michigan Ann Arbor, Michigan	Parents' Education and Income and the Education of Their Children March 1960 - August 1961
813	Ira J. Gordon University of Florida Gainesville, Florida	Interpersonal Perception: The Effect of Training in Perceptual Theory, Observation, and Analysis of Behavior Upon Accuracy of Prediction of Children's Self-Reports January 1960 - June 1961

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
814	Arthur W. Combs University of Florida Gainesville, Florida	The Relationship of Child Perceptions to Achievement and Behavior in the Early School Years January 1960 - June 1963
816	E. Muriel J. Wright Washington University St. Louis, Missouri	Systematic Observation of Verbal Interaction as a Method of Comparing Mathematics Lessons December 1959 - June 1961
818	Mildred C. Templin University of Minnesota Minneapolis, Minnesota	The Identification of Kindergarten Children Least Likely to Show Spontaneous Improvement in Speech Sound Articulation January 1960 - June 1963
833	Claude B. Elam Texas Christian University Fort Worth, Texas	Inductive Concept Formation in Normal and Retarded Subjects January 1960 - December 1961
845	Wilbur B. Brookover Michigan State University East Lansing, Michigan	Relationship of Self-Images to Achievement in Junior High School Subjects January 1960 - June 1961
846	William W. Farquhar Michigan State University East Lansing, Michigan	A Comprehensive Study of the Motivational Factors Underlying Achievement of Eleventh-Grade High School Students December 1959 - December 1961
850	Wilbert J. McKeachie University of Michigan Ann Arbor, Michigan	Research on the Characteristics of Effective College Teaching January 1960 - June 1963
853	Neal Gross Harvard University Cambridge, Massachusetts	The Role of the Elementary, Junior High, and Senior High School Principal July 1960 - June 1963
859	G. Orville Johnson Syracuse University Syracuse, New York	Relationship Between Perception and Learning in the Mentally Retarded September 1960 - January 1963
862	Louis A. Fliegler Syracuse University Syracuse, New York	Systematic Variation of Certain Conditions Related to Learning in the Mentally Retarded: Reinforcement June 1960 - May 1961

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
864	Gabriel M. Della-Piana University of Utah Salt Lake City, Utah	An Experimental Evaluation of Machine Teaching: The Effect of Certain Learning Outcomes of Variations in Motivational Characteristics of the Learner and the Form of the Learner's Responses June 1960 - September 1961
873	Pauline S. Sears Stanford University Stanford, California	The Effect of Teaching Methods on the Strength of Achievement Motive and Work Output of Elementary School Children May 1960 - September 1962
874	Patricia Knapp Wayne State University Detroit, Michigan	An Experiment in Coordination Between the Teaching and Library Staff for Changing Student Use of Library Sources April 1960 - June 1962
876	George Gerbner University of Illinois Urbana, Illinois	Mass Communications and Popular Conceptions of Education: A Cross Cultural Study May 1960 - June 1962
878	Charles K. Ray University of Alaska College, Alaska	Alaskan Native High School Dropouts September 1960 - August 1962
879	Milton Rokeach Michigan State University East Lansing, Michigan	The Nature of Analysis and Synthesis and Some Conditions in the Classroom Which Facilitate or Retard These Cognitive Processes July 1960 - June 1965
896	William W. Cooley Harvard University Cambridge, Massachusetts	Use of Case Histories in the Development of Student Understanding of Science and Scientists April 1960 - August 1961
906	Richard L. Simpson University of North Carolina Chapel Hill, North Carolina	The School Teacher: Social Values, Community Role, and Professional Self-Image May 1960 - September 1964
907	Edgar L. Lowell and Mary F. Woodward University of Southern California Los Angeles, California	A Linguistic Approach to the Education of Aurally-Handicapped Children July 1960 - June 1963

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
908	Martin Deutsch New York Medical College New York, New York	Communication of Information in Elementary Classrooms April 1960 - April 1962
914	Walter T. Plant and Charles W. Telford San Jose State College San Jose, California	The Psychological Impact of the Public Two-Year College on Certain Non-Intellectual Functions April 1960 - January 1963
916	Ralph J. Garry Boston University Boston, Massachusetts	The Nature and Formation of Spatial Concepts in Congenitally Blind Children Between the Ages of 2 and 5 May 1960 - October 1962
918	Karl T. Hereford Michigan State University East Lansing, Michigan	*Relationship Between School Design and* Utilization and Personnel Interactions May 1960 - April 1961
922	Norris G. Haring University of Maryland College Park, Maryland	A Comparison of Especially Designed Art Activities With Traditional Art Activities as Used With Mentally Retarded Children and Youth June 1960 - September 1961
923	Nellie D. Hampton Iowa State Teachers College Cedar Falls, Iowa	Effects of Special Training on the Achievement and Adjustment of Gifted Children May 1960 - January 1962
929	W. W. Charters, Jr. Washington University St. Louis, Missouri	Teacher Perceptions of Administrator Behavior September 1960 - January 1962
932	John W. M. Rothney University of Wisconsin Madison, Wisconsin	The Discovery and Guidance of Superior Students August 1960 - July 1962
933	Merle M. Ohlsen University of Illinois Urbana, Illinois	Improved School Adjustment of Underachieving Gifted Fifth-Graders September 1960 - September 1962
934	Merle M. Ohlsen University of Illinois Urbana, Illinois	Response Patterns Associated With Group Counseling June 1960 - August 1960
935	Leonard Kornberg Queens College Flushing, New York	A Study of the Preparation of Teachers for Schools in Culturally Deprived Neighborhoods February 1961 - January 1965

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
938	G. D. McGrath Arizona State University Tempe, Arizona	Higher Education of Southwestern Indians With Reference to Success and Failure September 1960 - August 1962
939	Philip J. Runkel University of Illinois Urbana, Illinois	Changes in Schools Which Do and Do Not Send Staff Members to Training Institutes in Counseling June 1960 - June 1961
951	Ralph F. Berdie University of Minnesota Minneapolis, Minnesota	Trends in Post-High School Plans Over an Eleven-Year Period August 1960 - July 1963
954	Wallace A. Kennedy Florida State University Tallahassee, Florida	Standardization of the Third Revision of the Stanford-Binet Intelligence Scale on Negro Elementary School Children in the Southeastern United States September 1960 - December 1961
961	Catherine S. Chilman and Donald Meyer Syracuse University Syracuse, New York	Educational Achievement and Aspirations of Undergraduate Married Students as Compared to Undergraduate Unmarried Students, With Analysis of Certain Associated Variables October 1960 - September 1962
965	James J. Gallagher University of Illinois Urbana, Illinois	Productive Thinking of Gifted Children August 1960 - August 1963
969	Joseph L. Stewart University of Denver Denver, Colorado	Effectiveness of Educational Audiology on the Language Development of Hearing-Handicapped Children January 1961 - December 1965
973	Bernard B. Schlanger West Virginia University Morgantown, West Virginia	The Effects of Listening Training on the Auditory Thresholds of Mentally Retarded Children June 1960 - September 1961
975	Harold Guetzkow University of Chicago Chicago, Illinois	Education for Innovative Behavior in Executives August 1960 - July 1962
978	William G. Perry, Jr. Harvard University Cambridge, Massachusetts	Patterns of Development in Thought and Values of Students in a Liberal Arts College August 1960 - July 1964

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
994	E. Paul Torrance University of Minnesota Minneapolis, Minnesota	Understanding the Fourth-Grade Slump in Creative Thinking September 1960 - November 1961
1001	John H. Gaeth Wayne State University Detroit, Michigan	Verbal and Nonverbal Learning in Children, Including Those With Hearing Losses September 1960 - August 1963
1005	Ray H. Bixler University of Louisville Louisville, Kentucky	Comparative Comprehension by Blind Children of Braille and Recordings at Different Compressions September 1960 - August 1961
1008	Joseph C. Bledsoe University of Georgia Athens, Georgia	The Self-Concepts of Elementary School Children in Relation to Their Academic Achievement, Intelligence, Interests, and Manifest Anxiety September 1960 - August 1962
1015	Horacio J. A. Rimoldi Loyola University Chicago, Illinois	Training in Problem Solving October 1960 - September 1961
1017	Jack London University of California Berkeley, California	Attitudes Toward Adult Education by Social Class September 1960 - August 1961
1018	Millard Hansen University of Puerto Rico Rio Piedras, Puerto Rico	Social Consequences of the School Project: Recruitment and Values of Students in the University of Puerto Rico September 1960 - September 1962
1020	Paul C. Rosenbloom University of Minnesota Minneapolis, Minnesota	Characteristics of Teachers Which Affect Students' Learning August 1960 - October 1962
1026	Laurence Iannaccone Washington University St. Louis, Missouri	Attitude Formation and Initiation Into the Teaching Profession in the Elementary Student Teaching Program September 1960 - January 1962
1032	Paul R. Hanna Stanford University Stanford, California	Education as an Instrument of National Policy in Selected Asian Nations August 1960 - December 1962

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
1038	W. Donald Walling Rutgers University New Brunswick, New Jersey	Selection and Training Programs for Vocationally Talented Pupils September 1960 - August 1961
1039	Richard F. Carter and William R. Odell Stanford University Stanford, California	Structure and Process of School-Community Relations July 1960 - July 1965
1040	Eleanor E. Maccoby and Lucy Rau Stanford University Stanford, California	Differential Cognitive Abilities September 1960 - September 1962
1044	Basil G. Zimmer Brown University Providence, Rhode Island	Resistances to Reorganization of School Districts and Local Governments in Metropolitan Areas September 1960 - August 1963
1045	Werner Z. Hirsch Washington University St. Louis, Missouri	Spillover of Public Education Costs and Benefits September 1960 - August 1963
1046	Thomas L. Hilton Carnegie Institute of Technology Pittsburgn, Pennsylvania	Cognitive Processes in Career Decision-Making August 1960 - August 1963
1048	Richard E. Schutz, Arthur W. Staats, and Carolyn K. Staats Arizona State University Tempe, Arizona	Textual Behavior and Its Function in Communication September 1960 - August 1962
1051	Robert G. Petzold University of Wisconsin Madison, Wisconsin	Auditory Perception of Musical Sounds by Children in the First Six Grades August 1960 - July 1965
1052	William A. Owens Purdue University Lafayette, Indiana	Life History Correlates of Age Changes in Mental Abilities September 1960 - August 1962
1057	Raymond C. Hummel Harvard University Cambridge, Massachusetts	An Evaluation of a Model for Guidance Counseling August 1960 - September 1962

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
1059	Billey Levinson and Hayne W. Reese University of Buffalo Buffalo, New York	The Development of Discrimination Learning Set in Pre-School Children, Fifth Graders, College Freshmen, and the Aged August 1960 - April 1961
1060	Philip R. Merrifield University of Southern California Los Angeles, California	Aptitude and Personality Measures Related to Creativity in Seventh-Grade Children July 1960 - August 1961
1067	Floyd T. Christian Florida State Department of Education Tallahassee, Florida	An Evaluation of Climate Control as a Contributing Factor to an Effective Educational Program October 1960 - September 1963
1073	Martha T. Mednick and Sarnoff A. Mednick University of Michigan Ann Arbor, Michigan	The Associative Basis of the Creative Process August 1960 - August 1963
1076	Edgar L. Morphet University of California Berkeley, California	Procedures for Identifying Potential School Administrators January 1961 - June 1963
1078	David Easton and Robert D. Hess University of Chicago Chicago, Illinois	The Development of Basic Attitudes and Values Toward Government and Citizenship During the Elementary School Years January 1961 - December 1963
1082	Bruce J. Biddle University of Missouri Columbia, Missouri	Explorations in Teacher Role August 1960 - August 1961
1083	C. Robert Pace Syracuse University Syracuse, New York	The Influence of Academic and Student Subcultures in College and University Environments October 1960 - June 1963
1084	C. Wayne Gordon and John D. McNeil University of California Los Angeles, California	Teacher Leadership Styles in Relationship to Productivity, Morale, and Achievement Among Seventh- and Eighth-Grade Pupils September 1960 - February 1962

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
1090	Evan R. Keislar University of California Los Angeles, California	Abilities of First-Grade Pupils to Learn Mathematics in Terms of Algebraic Structures by Means of Teaching Machines August 1960 - August 1961
1091	James B. MacDonald University of Wisconsin Milwaukee, Wisconsin	A Research Oriented Elementary Education Student Teaching Program September 1960 - August 1963
1094	James W. M. Rothney University of Wisconsin Madison, Wisconsin	Educational, Vocational, and Social Performance of Counseled and Uncounseled Youth Ten Years After High School July 1961 - June 1963
1097	Paul H. Bowman and *James* V. Pierce University of Chicago Chicago, Illinois	Sex Differences in Achievement Motivation of Able High School Students December 1960 - November 1961
1099	Martin Deutsch and Alfred M. Freedman New York Medical College New York, New York	Visual and Auditory Efficiency and Its Relationship to Reading in Children April 1961 - September 1962
1107	Victor B. Cline University of Utah Salt Lake City, Utah	Use of Biographical Information on Students Who Do and Do Not Achieve in High School Science Courses January 1961 - August 1962
1124	J. Wayne Wrightstone New York State Education Department Albany, New York	Evaluation of the Higher Horizons Program for Underprivileged Children June 1961 - May 1964
1131	Walter Loban University of California Berkeley, California	Language Ability, Grades 7, 8, and 9 January 1961 - February 1964
1132	Rolf E. Bargmann and Boyd Harshbarger Virginia Polytechnic Institute Blacksburg, Virginia	Statistical Models for the Evaluation and Interpretation of Educational Criteria January 1961 - December 1963
1133	Leland L. Medsker and T. R. McConnell University of California Berkeley, California	Factors Affecting Performance of Transfer Students From Two- to Four-Year Colleges With Implications for Coordination and Articulation February 1961 - June 1963

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
1134	Joseph E. Brzeinski Colorado State Department of Education Denver, Colorado	The Effectiveness of Teaching Reading in Kindergarten January 1961 - December 1965
1138	Carson McGuire University of Texas Austin, Texas	Prediction and Modification of Talent in Senior High Schools July 1961 - August 1964
1139	Glenn Terrell University of Colorado Boulder, Colorado	Non-Intellective Factors Associated With Scholastic Achievement September 1961 - August 1964
1143	Alvin F. Zander University of Michigan Ann Arbor, Michigan	Group Aspirations and Group Coping Behavior January 1961 - December 1963
1146	Allan Tucker Michigan State University East Lansing, Michigan	Factors Related to Attrition Among Doctoral Students July 1961 - June 1963
1150	David C. Beardslee and Donald D. O'Dowd Michigan State University, Oakland Rochester, Michigan	Development and Consistency of Student Images of Occupations January 1961 - June 1964
1153	Louis M. Heil Brooklyn College Brooklyn, New York	Modifying the Self-Concept of Certain Prospective Teachers (Phase I) February 1961 - January 1962
1163	Irving H. Anderson and Geraldine T. Scholl University of Michigan Ann Arbor, Michigan	A Comparison of the Reading, Writing, and Spelling Achievement of a Group of English and Scottish Children July 1961 - December 1962
1166	Leland H. Stott Merrill-Palmer Institute Detroit, Michigan	Infant and Pre-School Mental Tests July 1961 - December 1962
1167	Ronald Lippitt University of Michigan Ann Arbor, Michigan	Pupil-Teacher Adjustment and Mutual Adaptation in Creating Classroom Learning Environment January 1961 - June 1963
1168	Charles E. Bowerman and Ernest Q. Campbell University of North Carolina Chapel Hill, North Carolina	Social Factors in Educational Achievement and Aspirations Among Negro Adolescents September 1961 - August 1965

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
1170	Robert S. Soar University of South Carolina Columbia, South Carolina	Multivariate Statistical Procedures in Predicting Teacher-Pupil Classroom Behavior January 1961 - December 1961
1182	John de Jung and Norris G. Haring University of Kansas Lawrence, Kansas	The Social Relations of Mentally Handicapped Children in Regular and Special Public School Classes March 1961 - November 1962
1186	Nadine Lambert California State Department of Education Sacramento, California	The Development and Validation of a Process for Screening Emotionally Handicapped Children in School August 1961 - October 1962
1193	William F. Bowin New York State Education Department Albany, New York	An Evaluation of the Madison Project Method of Teaching Arithmetic in Grades 4, 5, and 6 July 1961 - January 1963
1194***	Peter H. Rossi University of Chicago Chicago, Illinois	Career Plans and Aspirations of 1961 College Graduates December 1960 - January 1962
1196	Robert M. W. Travers University of Utah Salt Lake City, Utah	Study of Reinforcement in Classroom Learning September 1961 - September 1964
1198	Joseph M. Wepman University of Chicago Chicago, Illinois	Speech Inaccuracy in Children as Related to Etiology July 1961 - June 1963
1202	Howard Wakefield University of Wisconsin Madison, Wisconsin	Educational Programs For Children of Migratory Agricultural Workers in Wisconsin July 1961 - June 1962
1203	Doris R. Entwisle Johns Hopkins University Baltimore, Maryland	Factors of Specific Set (Attensity) in Learning of Gifted Secondary Students May 1961 - October 1961
1217	Norman E. Wallen University of Utah Salt Lake City, Utah	Relationships Between Teacher Characteristics and Student Behavior September 1961 - August 1963
1218	James L. Kuethe Johns Hopkins University Baltimore, Maryland	Personality Traits Related to "Stress Tolerance" as Determinants of Academic Achievement July 1961 - October 1961

***The National Science Foundation and the National Institutes of Health are also contributing funds for the support of this project.

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
1221	Warren D. Gribbons Clark University Worcester, Massachusetts	Career Development May 1961 - June 1966
1226	Thomas Johnson and Louis M. Smith Washington University St. Louis, Missouri	Motive and Trait Correlates of Pupil Schema September 1961 - June 1962
1241	H. Thomas James Stanford University Stanford, California	Interaction Between Wealth and Expenditures for Education in Selected States June 1961 - November 1962
1242	John O. Cook and Howard G. Miller North Carolina State College Raleigh, North Carolina	Studies in Guided Learning July 1961 - August 1963
1253	Robert E. Stake University of Nebraska Lincoln, Nebraska	Sampling Distribution of Error Factors in Multidimensional Scaling July 1961 - June 1962
1262	Richard L. Turner Indiana University Bloomington, Indiana	Problem Solving Proficiency Among Elementary School Teachers July 1961 - June 1964
1263	Betty J. Bosdell University of North Dakota Grand Forks, North Dakota	Evaluation of Counseling Treatments With Underachieving High School Students July 1961 - June 1962
1266	Quentin C. Stodola North Dakota State University Fargo, North Dakota	Administering a Listening Comprehension Test Through Use of Teacher-Readers, Sound Film, and Tape Recordings July 1961 - March 1962
1267	Alden S. Gilmore, Miles W. Hardy, Leslie F. Malpass, and Charles F. Williams University of South Florida Tampa, Florida	Comparison of Two Automated Teaching Procedures for Retarded Children July 1961 - June 1963
1269	A. J. Jaffe Columbia University New York, New York	Social and Economic Characteristics of the College Population and Others With Some College Training July 1961 - June 1962

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
1275	J. William Asher, Robert W. Brittell, and Neal V. Musmanno University of Pittsburgh Pittsburgh, Pennsylvania	The High Speed Computer as a Research and Operations Device in School Law July 1961 - June 1962
1283	John W. Atkinson University of Michigan Ann Arbor, Michigan	Achievement-Related Motivation and Ability Grouping July 1961 - December 1962
1286	Warren A. Ketcham University of Michigan Ann Arbor, Michigan	Children's Social and Psychological Development Related to School Achievement September 1961 - August 1964
1298	Allen Kent Western Reserve University Cleveland, Ohio	An Information Service of Educational Research Materials April 1961 - April 1962
1299	Frank B. Baker University of Wisconsin Madison, Wisconsin	Empirical Determination of Sampling Distributions of Item Discrimination Indices and a Reliability Coefficient November 1961 - November 1962
1308	Ernst G. Beier University of Utah Salt Lake City, Utah	Polygraphic Arousal Patterns Related to Attention and Learning in Groups August 1961 - November 1962
1316	Michael A. Wallach Massachusetts Institute of Technology Cambridge, Massachusetts	Cognitive Originality, Physiognomic Sensitivity, and Defensiveness in Children August 1961 - July 1964
1318	Burton W. Kreitlow University of Wisconsin Madison, Wisconsin	Long-Term Study of Educational Effectiveness of Newly-Formed Centralized School Districts in Rural Areas (Part II) August 1961 - July 1964
1323	Albert G. Holzman and Walter R. Turkes University of Pittsburgh Pittsburgh, Pennsylvania	Optimal Scheduling in Educational Institutions September 1961 - August 1963
1324	Ralph B. Kimbrough University of Florida Gainesville, Florida	Informal County Leadership Structure and Controls Affecting Educational Policy Decision-Making September 1961 - September 1964

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
1327	Herbert Solomon Stanford University Stanford, California	Item Analysis, Test Design, and Classification October 1961 - September 1964
1328	Leland L. Medsker University of California Berkeley, California	Characteristics and Backgrounds of High School Graduates and Their Subsequent Personal and Educational Development October 1961 - June 1964
1329	Robert E. Sweitzer Oklahoma State University Stillwater, Oklahoma	Role Expectations and Perceptions of School Principals September 1961 - August 1962
1338	Philip H. DuBois Washington University St. Louis, Missouri	Factors Associated With the Academic Achievement of Adult Students September 1961 - February 1964
1339	San-su C. Lin Claflin University Orangeburg, South Carolina	Pattern Practice in the Teaching of Standard English to Students With a Non-Standard Dialect September 1961 - June 1964
1342	J. P. Guilford and Philip R. Merrifield University of Southern California Los Angeles, California	Determination of "Structure-of-Intellect" Abilities Involved in Ninth-Grade Algebra and General Mathematics August 1961 - August 1963
1343	Robert Glaser University of Pittsburgh Pittsburgh, Pennsylvania	The Technology of Programmed Instruction and Its Impact Upon an Educational System September 1961 - August 1966
1344	Merle M. Ohlsen University of Illinois Urbana, Illinois	Effects of Orientation to Testing on Motivation For and Outcome of Test Interpretation September 1961 - August 1962
1346	David P. Campbell and Theodore Volsky University of Minnesota Minneapolis, Minnesota	Twenty-Five Year Follow-Up of Educational-Vocational Counseling September 1961 - June 1963
1350	W. L. Barnette University of Buffalo Buffalo, New York	Validation of MVII on Vocational High School Boys (Part I) October 1961 - March 1963

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
1351	Merrill Roff University of Minnesota Minneapolis, Minnesota, and Saul B. Sells Texas Christian University Fort Worth, Texas	Peer Group Maladjustment in Childhood and Personality Development September 1961 - August 1966
1352	Robert L. Spaulding University of Illinois Urbana, Illinois	Achievement, Creativity, and Self-Concept Correlates of Teacher-Pupil Transactions in Elementary School Classrooms October 1961 - October 1962
1353	William Larson and Fred Shanley University of Southern California Los Angeles, California	Critical Factors in Adolescence: Intra-Family Relationships and Differential School Adjustment April 1962 - September 1963
1355	Saxton Pope and Nevitt Sanford Stanford University Stanford, California	Dynamics of Personality Development During the College Years August 1961 - June 1966
1356	Kathryn A. Blake University of Georgia Athens, Georgia	Studies of the Effects of Systematic Variations of Certain Conditions to Learning. III. Task Conditions September 1961 - June 1964
1359	Lloyd E. McCann University of Arizona Tucson, Arizona	Legal Problems in the Administration of Education by Educational and Non-Educational Government Agencies September 1961 - August 1963
1365	John T. Sutton Stetson University De Land, Florida	Individualizing Junior High School Mathematics Instruction September 1961 - February 1963
1368	Robert H. Mathewson City University of New York New York, New York	Development of Instruments for Eliciting and Evaluating Vocational Imagery September 1961 - September 1962
1370	Ray H. Bixler and Emerson Foulke University of Louisville Louisville, Kentucky	Comprehension of Rapid Speech by the Blind: Part II September 1961 - August 1963
1373	Richard Alpert Harvard University Cambridge, Massachusetts	Program Development for Longitudinal and Cross-Sectional Research in Shaping Intellectually-Linked Motives February 1962 - January 1963

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
1382	Sidney J. Blatt Yale University New Haven, Connecticut	Effects of Test Anxiety and Instructional Context on Problem Solving October 1961 - September 1962
1383	Howard L. Roy and Jerome D. Schein Gallaudet College Washington, D. C.	New Methods of Language Development in Deaf Children September 1961 - August 1963
1391	Philip Lambert University of Wisconsin Madison, Wisconsin	Classroom Interaction, Pupil Achievement and Adjustment in Team Teaching as Compared With the Self-Contained Classroom September 1961 - February 1964
1393	Donald Super Teachers College Columbia University New York, New York	Floundering and Trial After High School September 1961 - September 1964
1401	Barbara Biber, Patricia Minuchin, and Edna K. Shapiro Bank Street College of Education New York, New York	Patterns of Mastery and Conflict Resolution at the Elementary School Level December 1961 - November 1963
1402	Arthur A. Lumsdaine University of California Los Angeles, California	Variables Differentiating Two Major Systems of Auto-Instructional Programming September 1961 - February 1965
1411	Raymond B. Cattell University of Illinois Urbana, Illinois	General Relations of Changes of Interest and Personality to Changes of School Performance in Normal Children September 1961 - August 1964
1412	Frank A. Pinner Michigan State University East Lansing, Michigan	Relationships Between High School Group Structures and the Development of Orientations Toward Public Affairs September 1961 - June 1962
1413	Evan R. Keislar and John D. McNeil University of California Los Angeles, California	Oral and Non-Oral Methods of Teaching Reading by an Auto-Instructional Device September 1961 - May 1962
1414	William K. Medlin University of Michigan Ann Arbor, Michigan	The Teacher as an Agent of Socio-Cultural Change in a Technically-Underdeveloped Society October 1961 - February 1965

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
1417	Carl R. Rogers University of Wisconsin Madison, Wisconsin	Relationship of Group Counseling to Subsequent Academic Performance at the College Level September 1961 - August 1962
1422	W. W. Hunter University of Michigan Ann Arbor, Michigan	Pre-Retirement Education for the Hourly Rated Workers September 1961 - August 1963
1440	Kai Jensen University of Wisconsin Madison, Wisconsin	Factors Influencing Learning and Problem-Solving Behavior in the Mentally Retarded September 1961 - August 1966
1442	Herbert J. Klausmeier University of Wisconsin Madison, Wisconsin	Strategies of Learning and Efficiency of Concept Attainment by Individuals and Groups August 1961 - July 1964
1443	Karl T. Hereford Michigan State University East Lansing, Michigan	Effect of School Building Environment on Personnel Interactions and Attitudes June 1961 - December 1961
1449	Joseph R. Devane and Horacio J. A. Rimoldi Loyola University Chicago, Illinois	Training in Problem Solving October 1961 - November 1962
"A"	Jerome Bruner Harvard University Cambridge, Massachusetts	The Development of Designs for Curriculum Research September 1959 - January 1960
"B"	Donald Donley and Robert Lorette State University of New York College of Education Albany, New York	The Investigation of a Method for the Dissemination of Educational Research Findings to Practitioners October 1959 - September 1961
"C"	Wade M. Robinson Harvard University Cambridge, Massachusetts	Methods for Disseminating Research Information to School Personnel December 1959 - June 1961
"D"	Robert L. Thorndike Teachers College Columbia University New York, New York	The Concepts of Over- and Under-Achievement June 1960 - June 1961
"E-1"	Daniel E. Griffiths Teachers College Columbia University New York, New York	The Job Performance of School Administrators: A Research Development Project October 1960 - June 1961

PROJECT INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
"E-2"	Elizabeth M. Drews Michigan State University East Lansing, Michigan	A Study of Non-Intellectual Factors in Superior, Average, and Slow High School Students December 1960 - June 1961
"E-3"	Morris I. Stein New York University New York, New York	Survey of the Psychological Literature in the Area of Creativity With a View Toward Needed Research September 1961 - August 1962
"F-1"	William B. King University of Georgia Athens, Georgia	Survey of the Status of Research in Guidance and Counseling January 1961 - February 1961
"F-2"	Jack A. Culbertson Ohio State University Columbus, Ohio	Research Seminars on Educational Administration April 1961 - April 1962
"G-1"	R. Kenneth Wilcox University of Wisconsin Madison, Wisconsin	Research Seminar on Mental Retardation July 1961 - October 1961
D-005	Patrick Suppes Stanford University Stanford, California	Experimental Teaching of Mathematical Logic to Talented Fifth and Sixth Graders August 1961 - September 1963
D-009	Miriam L. Goldberg and A. Harry Passow Teachers College Columbia University New York, New York	Accelerated and Enriched Curriculum Programs for Academically-Talented Students - (Mathematics) October 1961 - December 1965
D-010	Jack W. Birch University of Pittsburgh Pittsburgh, Pennsylvania	A Field Demonstration of the Effectiveness and Feasibility of Early Admission to School for Mentally Advanced Children November 1961 - June 1964
D-014	Burton Blatt Boston University Boston, Massachusetts	A Field Demonstration of the Effects of Automated and Non-Automated Responsive Environments on the Intellectual and Social Competence of Educable Mentally Retarded Children September 1961 - August 1964
D-022	Robert B. Davis Syracuse University Syracuse, New York	A Modern Mathematics Program as It Pertains to the Interrelationship of Mathematical Content, Teaching Methods, and Classroom Atmosphere (The Madison Project) September 1961 - October 1962

PROJECTS INITIATED (COOPERATIVE RESEARCH PROGRAM)

Project No.	Investigator and Location	Title and Duration
D-040	Benjamin Cohn New York State Education Department Albany, New York	The Effects of Group Counseling on School Adjustment of Under-Achieving Junior High School Boys Who Demonstrate Acting-Out Behavior October 1961 - September 1963

A P P E N D I X A

ALPHABETICAL INDEX OF PRINCIPAL INVESTIGATORS

Principal Investigator	Project No.
Abraham, Willard	185
Ainsworth, Stanley	171
Albers, Theodore	307
Alpert, Richard	1373
Anderson, Irving H. ...	1163
Anderson, John O.	176
Andrew, Dean	008
Angell, Robert C.	330
Annas, Philip A.	382
Asher, E. J.	613
Asher, J. William	1275
Atkinson, John W.	1283
Baer, Clyde J.	408
Baker, Frank B.	1299
Bargmann, Rolf E.	1132
Barker, Roger G.	594
Barnette, W. L.	1350
Battig, William F.	730
Beardslee, David C. ...	562, 1150
Beier, Ernst G.	1308
Berdie, Ralph F.	951
Biber, Barbara	1401
Biddle, Bruce J.	371, 1082
Birch, Jack W.	D-010
Bixler, Ray H.	1005, 1370
Blake, Kathryn	470, 695, 1356
Blatt, Burton	D-014
Blatt, Sidney J.	1382
Bledsoe, Joseph C.	1008
Blum, Abraham H.	266
Bond, Horace M.	458
Borg, Walter R.	577
Bosdell, Betty J.	1263
Bowerman, Charles E. ..	1168
Bowers, Norman D.	469
Bowin, William F.	1193
Bowman, Paul H.	200, 208, 1097
Boyd, G. R.	672
Boyer, E. Gil	186
Boyer, Roscoe A.	783
Boyle, Ruth	162
Brandon, George L.....	629
Brittell, Robert W. ...	1275
Brookover, Wilbur B. ..	845
Brooks, Melvin S.	401
Bruner, Jerome	"A"
Bryan, Roy C.	668
Bryne, Margaret C.	620
Brzeinski, Joseph E. ..	1134
Buck, Roy C.	065
Burr, Samuel E. (Jr.) .	341
Burris, W. R.	139
Cain, Leo F.	109, 416, 589
Calandra, Alexander ...	403
Campbell, David P.	1346
Campbell, Ernest Q. ...	1168
Cantor, Gordon N.	076
Capobianco, Rudolph J.	019, 081, 092
Carrier, Neil A.	578
Carriker, William R. ..	146
Carroll, John B.	217
Carter, Richard F.	1039
Cassidy, Viola	043
Cattell, Raymond B. ...	701, 1411
Charters, W. W. (Jr.) .	929
Child, Irvin L.	669
Chilman, Catherine S. .	961
Christian, Floyd T. ...	1067
Cline, Victor B.	1107
Cohn, Benjamin	D-040
Coleman, James S.	120
Combs, Arthur W.	814
Colombotos, John L. ...	330
Cook, John O.	1242
Cook, Walter W.	174, 686
Cooley, William W.	436, 715, 896
Cooper, James G.	477
Coster, John K.	385
Cowley, W. H.	245
Cruickshank, William M.	018, 090, 127
Culbertson, Jack A. ...	"P-2"
Davis, Allison	542
Davis, Frederick B. ...	297, 392
Davis, Robert B.	D-022
deCharms, Richard	390
DeHaan, Robert F.	697
de Jung, John	1182

Principal Investigator	Project No.
Della-Piana, Gabriel M.	864
Demming, John A.	457
Deutsch, Martin	908, 1099
Devane, Joseph R.	1449
DiCarlo, Louis M.	082
Dole, Arthur A.	757
Donley, Donald	"B"
Dressel, Paul L.	372, 590
Drevdahl, John E.	664
Drews, Elizabeth M. ...	608, "E-2"
DuBois, Philip H.	642, 1338
Dunn, Lloyd M.	103
Durrell, Donald D.	014, 407
Eckert, Ruth E.	169, 557
Edson, William H.	173
Edwards, T. Bentley ...	274, 379
Elam, Claude B.	833
Entwisle, Doris R.	1203
Farquhar, William W. ..	846
Fattu, Nicholas A.	419, 525
Ferguson, LeRoy C.	532
Flanagan, John C.	226, 566, 635
Flanders, Ned A.	397
Fliegler, Louis A.	862
Ford, Roxana R.	244
Foster, Julian F. S. ..	729
Foulke, Emerson	1370
Fouracre, Maurice H. ..	167
Francis, Robert J.	152
Freedman, Alfred M. ...	1099
Freedman, Mervin B. ...	736
Friedenberg, Edgar Z. .	787
Gaeth, John H.	289
Gallagher, James J. ...	965
Gardner, Eric F.	259A
Garry, Ralph J.	424, 916
Gaver, Mary V.	489
Gerbner, George	876
Getzels, Jacob W.	098
Gilmore, Alden S.	1267
Glaser, Robert	691, 1343
Glassow, Ruth B.	696
Goldberg, Miriam L. ...	D-009
Goldman, Nathan	181
Goldstein, Herbert	619
Goodlad, John I.	454
Goodman, Samuel M.	148
Goodstein, Leonard D. .	805
Gordon, C. Wayne	1084
Gordon, Ira J.	813
Grahan, Leon R.	212
Gribbons, Warren D. ...	1221
Griffiths, Daniel E. ..	214, "E-1"
Gross, Neal	714, 853
Gruber, Howard E.	761
Guetzkow, Harold	975
Guilford, J. P.	737, 1342
Hagen, Elizabeth P. ...	574
Haller, Archie O.	412
Halpin, Andrew W.	543
Hampton, Nellie D.	423, 614, 923
Hanley, Theodore D. ...	492
Hanna, Paul R.	1032
Hansen, Millard	1018
Hardy, Miles W.	1267
Haring, Norris G.	922, 1182
Harris, Dale B.	365
Harris, Theodore L. ...	263
Harshbarger, Boyd	1132
Hastings, J. Thomas ...	509, 702
Hawley, Amos	330
Hegge, Thorlief G.	178
Heil, Louis M.	352, 1153
Hereford, Karl T.	918, 1443
Herrick, Virgil E.	151, 263
Hess, Robert D.	542, 1078
Hewes, Robert E.	336
Hilton, Thomas L.	1046
Hirsch, Werner Z.	1045
Hoffsommer, Harold C. .	748
Hollis, Ernest V.	166
Holmes, Jack A.	538
Holzman, Albert G.	1323
Homme, Lloyd E.	691
Hoyt, Cyril J.	244
Hoyt, K. B.	160
Hudgins, Bryce B.	798
Hudson, Margaret	155

Principal Investigator	Project No.
Hughes, Marie M.	353
Hummel, Raymond C.	1057
Hunter, W. W.	1422
Iannaccone, Laurence ..	1026
Jackson, Philip W.	098
Jacoby, Beatrice F. ...	690
Jaffe, A. J.	1269
James, H. Thomas	803, 1241
Janowitz, Morris	330
Jensen, Kai	150, 1440
Johnson, G. Orville ...	091, 859
Johnson, Thomas	1241
Jordan, Thomas E.	390
Jung, Christian W.	037
Keislar, Evan R.	1090, 1413
Kelly, J. T.	156
Kennedy, Wallace A. ...	954
Kent, Allen	1298
Ketcham, Warren A.	096, 1286
Keys, John W.	499
Kimbrough, Ralph B. ...	1324
King, William B.	"F-1"
Klausmeier, Herbert J.	153, 1442
Klohr, Paul R.	320
Knapp, Patricia	874
Kornberg, Leonard	935
Kreisman, Arthur	009
Kreitlow, Burton W. ...	375, 1318
Kuethe, James L.	1218
Kuhlen, Raymond G.	047, 048
Kvaraceus, William C. .	015
Lambert, Nadine	1186
Lambert, Phillip	1391
Lamke, Tom A.	423
Lange, Drexel	145
Lansing, John B.	708
Larson, William	1353
Lassers, Leon	165
Lee, John J.	178
Lesser, Gerald S.	297, 392
Levin, Harry	639
Levinson, Billey	1059
Lewis, Edwin C.	763
Lin, San-su C.	1339
Linford, Velma	313
Lippitt, Ronald	1167
Little, J. Kenneth	247, 485
Loban, Walter	324, 1131
London, Jack	1017
Loomis, Chester M.	178
Lorette, Robert	"B"
Lorge, Irving	170
Lowell, Edgar L.	502, 907
Lucio, William H.	648
Lumsdaine, Arthur A. ..	1402
Maccoby, Eleanor E. ...	1040
MacDonald, James B. ...	1091
Mallinson, George G. ..	503
Malpass, Leslie F.	578, 1267
Mange, Charles V.	078
Manis, Jerome G.	042
Manuel, H. T.	681
Martin, William E.	266
Masling, Joseph M.	512
Mathewson, Robert H. ..	1368
Maw, Wallace H.	801
McCann, Lloyd E.	1359
McCarthy, Sister Mary Viterbo	052
McConnell, T. R.	438, 1133
McGrath, Earl J.	647
McGrath, G. D.	938
McGuire, Carson	025, 742, 1138
McKeachie, Wilbert J. .	850
McNeil, John D.	1084, 1413
Medlin, William K.	1414
Mednick, Martha T.	1073
Mednick, Sarnoff A. ...	1073
Medsker, Leland L.	1133, 1328
Merrifield, Philip R. .	1060, 1342
Meyerson, Lee	418
Miller, Howard G.	1242
Miller, Marian B.	273
Minuchin, Patricia	1401
Morgan, James N.	812
Morphet, Edgar L.	677, 1076
Morse, William	753
Mullen, Frances A.	157
Musmanno, Neal V.	1275

Principal Investigator	Project No.
Nelson, Norbert J.	385
Newburger, Howard	332
Norris, Raymond C.	637
Odell, William R.	308, 1039
O'Dowd, Donald D.	562, 1150
Ohlsen, Merle M.	623, 933, 934, 1344
Oliver, Donald W.	551
Owens, William A.	1052
Pace, C. Robert	378, 1083
Passow, A. Harry	D-009
Patton, Francis	092
Peck, John R.	026
Perry, William G. (Jr.)	978
Petzold, Robert G.	554, 766, 1051
Pierce, James V.	1097
Pinner, Frank A.	1412
Plant, Walter T.	348, 914
Pope, Saxton	1355
Porter, Douglas	142
Proff, Fred C.	623
Quigley, Stephen P. ...	685
Rau, Lucy	1040
Ray, Charles K.	011, 878
Reese, Hayne W.	1059
Reiss, Albert J. (Jr.)	012, 507
Reynolds, James W.	333
Reynolds, Maynard C. ..	192
Rimoldi, Horacio J. A.	1015, 1449
Ringness, Thomas A. ...	154
Robinson, Wade M.	"C"
Roca, Pablo	131
Roff, Merrill	1351
Rogers, Carl R.	1417
Rokeach, Milton	879
Root, Blake S.	221
Rosenbloom, Paul C. ...	1020
Rossi, Peter H.	1194
Rothney, John W. M. ...	932, 1094
Roy, Howard L.	1383
Runkel, Philip J.	939
Sanford, Nevitt	1355
Sarason, Seymour B. ...	624
Sauer, Edwin H.	550
Schein, Jerome D.	1383
Schlanger, Bernard B. .	973
Schmid, Calvin F.	309
Schmid, John	453
Scholl, Geraldine T. ..	1163
Schucman, Helen	332
Schutz, Richard E.	1048
Sears, Pauline S.	873
Sells, Saul B.	1351
Shaffer, George	492
Shanley, Fred	1353
Shapiro, Edna K.	1401
Siegenthaler, Bruce M.	495
Simpson, Richard L. ...	722, 906
Smith, B. Othanel	258
Smith, Lloyd L.	145
Smith, Louis M.	570, 798, 1226
Smith, Walter D.	457, 510
Smock, Charles D.	790
Soar, Robert S.	469, 1170
Solberg, Archie N.	640
Solomon, Herbert	1327
Spaulding, Robert L. ..	1352
Staats, Arthur W.	1048
Staats, Carolyn K.	1048
Stake, Robert E.	573, 1253
Standlee, Lloyd S.	039
Stanley, Julian C.	149, 789
Stanton, Jeannette C. .	043
Stecklein, John E.	169
Steer, M. D.	159, 492, 649
Stein, Morris I.	"E-3"
Stern, George G.	179, 183, 512
Steward, Joseph L.	969
Stodola, Quentin C. ...	1266
Stolurow, Lawrence M. .	661
Stott, Leland H.	1166
Strickland, Ruth G. ...	561
Stroud, James B.	145
Stroup, Francis	008
Super, Donald	1393

A P P E N D I X A (Cont.)

Principal Investigator	Project No.
Suppes, Patrick	727, D-005
Sutton, John T.	1365
Sweitzer, Robert E. ...	1329
Tate, Merle W.	368
Taylor, Calvin W.	621
Telford, Charles W. ...	914
Templin, Mildred C. ...	387, 818
Terrell, Glenn	1139
Thelen, Herbert A.	428
Thistlethwaite, Donald	657
Thomas, Donald R.	674
Thompson, George G. ...	259B
Thorndike, Robert L. ..	574, "D"
Thorsell, Marguerite ..	055
Thurstone, Thelma G. ..	168
Toby, Jackson	526
Torrance, E. Paul	725, 994
Travers, Robert M. W. .	444, 1196
Tucker, Allan	1146
Turkes, Walter R.	1323
Turner, Richard L.	1262
Van Dyke, L. A.	160
Van Riper, Charles	739
Voelker, Paul H.	178
Volsky, Theodore	1346
Wakefield, Howard	1202
Wallach, Michael A. ...	1316
Wallen, Norman E.	1217
Walling, W. Donald	1038
Wattenberg, William W.	201, 377
Wepman, Joseph M.	1198
Westcott, Malcolm R. ..	684
White, J. B.	156
Wilcox, R. Kenneth	"G-1"
Wilk, Roger E.	473
Willard, Richard W. ...	336
Willenberg, Ernest P. .	175
Williams, Charles F. ..	1267
Wilson, Craig	591
Wilson, Mamie L. T. ...	513
Witty, Paul A.	367
Woerdehoff, Frank J. ..	385
Wolfe, William G.	172
Wood, Nancy E.	184
Woodward, Mary F.	907
Wright, E. Muriel J. ..	816
Wright, Wendell W.	037
Wrightstone, J. Wayne .	144, 1124
Zander, Alvin	099, 451, 1143
Zimmer, Basil G.	1044
Zintz, Miles V.	275

A P P E N D I X B

INSTITUTIONS AND AGENCIES CONDUCTING RESEARCH UNDER PUBLIC LAW 531

(July 1, 1956 - September 30, 1961)

Location	Project No.	No. of Projects
ALABAMA (1)		
Troy State College, Troy	672	1
ALASKA (2)		
University of Alaska, College	011, 878	2
ARIZONA (4)		
Arizona State University, Tempe	185, 938, 1048	3
University of Arizona, Tucson	1359	1
ARKANSAS (2)		
Southern State College, Magnolia	008	1
University of Arkansas, Fayetteville ...	453	1
CALIFORNIA (43)		
San Francisco State College, San Francisco	109, 165, 416, 589	4
San Jose State College, San Jose	348, 914	2
Stanford University, Stanford	245, 308, 727, 803, 873, 1032, 1039, 1040, 1241, 1327, 1355, D-005	12
State Department of Education, Sacramento	175, 1186	2
University of California, Berkeley	274, 324, 379, 438, 538, 677, 1017, 1076, 1131, 1133, 1328	11
University of California, Los Angeles ..	648, 1084, 1090, 1402, 1413	5
University of Santa Clara, Santa Clara .	729	1
University of Southern California, Los Angeles	502, 737, 907, 1060, 1342, 1353	6
COLORADO (5)		
State Department of Education, Denver ..	307, 1134	2
University of Colorado, Boulder	761, 1139	2
University of Denver, Denver	969	1

Location	Project No.	No. of Projects
CONNECTICUT (4)		
Wesleyan University, Middletown	562	1
Yale University, New Haven	624, 669, 1382	3
DELAWARE (2)		
State Department of Education, Dover ...	273	1
University of Delaware, Newark	801	1
DISTRICT OF COLUMBIA (5)		
American University	341	1
Gallaudet College	685, 1383	2
George Washington University	221	1
U. S. Office of Education	166	1
FLORIDA (11)		
Florida State University, Tallahassee ..	457, 510, 954	3
State Department of Education, Tallahassee	1067	1
Stetson University, De Land	1365	1
University of Florida, Gainesville	156, 813, 814, 1324	4
University of Miami, Coral Gables	664	1
University of South Florida, Tampa	1267	1
GEORGIA (6)		
Atlanta University, Atlanta	458	1
University of Georgia, Athens	171, 695, 1008, 1356, "F-1"	5
HAWAII (1)		
University of Hawaii, Honolulu	757	1
ILLINOIS (35)		
Loyola University, Chicago	1015, 1449	2
Northwestern University, Evanston	367, 657	2
Southern Illinois University, Carbondale	176, 401, 578	3
State Department of Public Instruction, Springfield	157	1
University of Chicago, Chicago	098, 120, 200, 208, 428, 454, 542, 975, 1078, 1097, 1194, 1198	12
University of Illinois, Urbana	258, 509, 619, 623, 661, 701, 702, 876, 933, 934, 939, 965, 1344, 1352, 1411	15

Location	Project No.	No. of Projects
INDIANA (14)		
Indiana University, Bloomington	037, 039, 419, 525, 561, 1262	6
Purdue University, Lafayette	159, 266, 385, 492, 613, 649, 790, 1052	8
IOWA (8)		
Iowa State Teachers College, Cedar Falls	614, 923	2
Iowa State University, Ames	763	1
State Department of Public Instruction, Des Moines	145, 160, 423	3
State University of Iowa, Iowa City	507, 805	2
KANSAS (4)		
State Department of Public Instruction, Topeka	055	1
University of Kansas, Lawrence	594, 620, 1182	3
KENTUCKY (2)		
University of Louisville, Louisville ...	1005, 1370	2
LOUISIANA (1)		
Grambling College, Grambling	513	1
MAINE (1)		
State Department of Education, Augusta .	382	1
MARYLAND (4)		
Johns Hopkins University, Baltimore	1203, 1218	2
University of Maryland, College Park ...	748, 922	2
MASSACHUSETTS (24)		
Boston University, Boston	014, 015, 407, 424, 916, D-014	6
Clark University, Worcester	1221	1
Harvard University, Cambridge	142, 217, 436, 550, 551, 714, 715, 853, 896, 978, 1057, 1373, "A", "C"	14
Massachusetts Institute of Technology, Cambridge	336, 1316	2
Regis College, Weston	052	1

Location	Project No.	No. of Projects
MICHIGAN (43)		
Hope College, Holland	697	1
Merrill-Palmer Institute, Detroit	1166	1
Michigan State University, East Lansing	372, 412, 532, 590, 608, 629, 845, 846, 879, 918, 1146, 1412, 1443, "E-2"	14
Michigan State University, Oakland, Rochester	1150	1
University of Michigan, Ann Arbor	096, 099, 330, 451, 708, 753, 812, 850, 1073, 1143, 1163, 1167, 1283, 1286, 1414, 1422	16
Wayne State University, Detroit	178, 201, 289, 377, 874, 1001	6
Western Michigan University, Kalamazoo .	042, 503, 668, 739	4
MINNESOTA (18)		
University of Minnesota, Minneapolis ...	169, 173, 174, 192, 244, 365, 387, 397, 473, 557, 686, 725, 818, 951, 994, 1020, 1346, 1351	18
MISSISSIPPI (2)		
State Department of Education, Jackson .	139	1
University of Mississippi, University ..	783	1
MISSOURI (14)		
State Department of Education, Jefferson City	408	1
University of Kansas City, Kansas City .	371	1
University of Missouri, Columbia	1082	1
Washington University, St. Louis	390, 403, 570, 642, 798, 816, 929, 1026, 1045, 1226, 1338	11
NEBRASKA (3)		
State Department of Education, Lincoln .	146	1
University of Nebraska, Lincoln	573, 1253	2
NEW JERSEY (4)		
Newark State College, Newark	162	1
Rutgers University, New Brunswick	489, 526, 1038	3

A P P E N D I X B (Cont.)

Location	Project No.	No. of Projects
NEW MEXICO (1)		
University of New Mexico, Albuquerque ..	275	1
NEW YORK (57)		
Bank Street College of Education, New York	1401	1
Brooklyn College, Brooklyn	352, 787, 1153	3
City University of New York, New York ..	1368	1
Columbia University, New York	167, 170, 214, 574, 647, 1269, 1393, "D", "E-1", D-009	10
Cornell University, Ithaca	639	1
Hunter College, New York	297, 392	2
New York Medical College, New York	908, 1099	2
New York University, New York	332, "E-3"	2
Queens College, Flushing	690, 935	2
State Education Department, Albany	144, 148, 1124, 1193, D-040	5
State University of New York College of Education, Albany	"B"	1
Syracuse University, Syracuse	018, 019, 047, 048, 078, 081, 082, 090, 091, 092, 127, 179, 181, 183, 259A, 378, 470, 512, 859, 862, 961, 1083, D-022	23
University of Buffalo, Buffalo	1059, 1350	2
Vassar College, Poughkeepsie	684, 736	2
NORTH CAROLINA (5)		
North Carolina State College, Raleigh ..	1242	1
University of North Carolina, Chapel Hill	168, 722, 906, 1168	4
NORTH DAKOTA (2)		
North Dakota State University, Fargo ...	1266	1
University of North Dakota, Grand Forks	1263	1
OHIO (7)		
Ohio State University, Columbus	043, 259B, 320, "F-2"	4
University of Toledo, Toledo	640	1
Western Reserve University, Cleveland ..	184, 1298	2

Location	Project No.	No. of Projects
OKLAHOMA (2)		
Oklahoma State University, Stillwater ..	1329	1
University of Oklahoma, Oklahoma City ..	499	1
OREGON (1)		
Southern Oregon College, Ashland	009	1
PENNSYLVANIA (12)		
Carnegie Institute of Technology, Pittsburgh	1046	1
Pennsylvania State University, University Park	065, 495	2
University of Pennsylvania, Philadelphia	368	1
University of Pittsburgh, Pittsburgh ...	226, 566, 635, 691, 1275, 1323, 1343, D-010	8
RHODE ISLAND (2)		
Brown University, Providence	1044	1
State Department of Education, Providence	186	1
SOUTH CAROLINA (2)		
Claflin University, Orangeburg	1339	1
University of South Carolina, Columbia .	1170	1
TENNESSEE (6)		
George Peabody College for Teachers, Nashville	076, 103, 155, 637	4
Vanderbilt University, Nashville	012, 469	2
TEXAS (11)		
Texas Christian University, Ft. Worth ..	833, 1351	2
Texas Education Agency, Austin	212	1
University of Houston, Houston	418	1
University of Texas, Austin	025, 026, 172, 333, 681, 742, 1138	7
UTAH (10)		
University of Utah, Salt Lake City	353, 444, 543, 621, 864, 1107, 1196, 1217, 1308	9
Utah State University, Logan	577	1

Location	Project No.	No. of Projects
VIRGINIA (2)		
University of Virginia, Charlottesville	730	1
Virginia Polytechnic Institute, Blacksburg	1132	1
WASHINGTON (1)		
University of Washington, Seattle	309	1
WEST VIRGINIA (2)		
State Department of Education, Charleston	591	1
West Virginia University, Morgantown	973	1
WISCONSIN (27)		
University of Wisconsin, Madison	149, 150, 151, 152, 153, 154, 247, 263, 375, 485, 554, 674, 696, 766, 789, 932, 1051, 1094, 1202, 1299, 1318, 1391, 1417, 1440, 1442, "G-1"	26
University of Wisconsin, Milwaukee	1091	1
WYOMING (1)		
State Department of Education, Cheyenne	313	1
GUAM (1)		
Territorial College of Guam, Agana	477	1
PUERTO RICO (2)		
University of Puerto Rico, Rio Piedras	131, 1018	2

A P P E N D I X C

SUBJECT INDEX

Subject	Project No.
ABILITIES See: STUDENTS, APTITUDES AND ABILITIES	
ACHIEVEMENT	014-ES, 055-E, 096-E, 226-S, 274-S, 352-E, 397-S, 407-S, 489-E, 492-ES, 503-S, 510-E, 542-SH, 566-S, 619-E, 635-S, 845-S, 873-E, 961-H, 1338-HA, 1352-E, 1391-S, 1411-S, 1417-H, D-005-EH, D-022-ES
ACHIEVEMENT, UNDER AND OVER	052-S, 208-S, 623-S, 805-H, 846-S, 933-E, 1057-S, 1107-H, 1139-H, 1263-S, 1353-S, "D", D-040-S
ADMINISTRATION, THEORY OF	1076
ADMINISTRATORS, BEHAVIOR	929, 975, 1329
ADMINISTRATORS, EFFECTIVENESS	214, 677, 1076
DMINISTRATORS, ROLE	714-ES, 853, 1329
ADMINISTRATORS, TRAINING	677, 975
ADMISSION See: COLLEGE, ADMISSIONS	
ADULT EDUCATION	975, 1017, 1338-HA
AGED, EDUCATION OF	1422
AIR CONDITIONING See: SCHOOL PLANT, AIR CONDITIONING	
ALASKAN NATIVES	011-ESHA, 878-S

Key to abbreviations above
- A - adult education
- E - elementary school
- H - higher education
- P - pre-school education
- S - secondary school

A P P E N D I X C (Cont.)

Subject	Project No.
ALGEBRA	403-S, 1090-E, 1342-S
ANALYSIS AND SYNTHESIS See: LEARNING, ANALYSIS AND SYNTHESIS	
ANXIETY See: STUDENTS, ANXIETY TEACHERS, ANXIETY	
APHASIA	090-E, 186-E
APTITUDES See: STUDENTS, APTITUDES AND ABILITIES	
ARITHMETIC	15[illegible]-E, 1193-E, D-005-EH
ART	669-H, 922-ES
ARTICULATION, VERTICAL	1133
ASPIRATIONS See: MOTIVATION	
ATTENTION	1308-H
ATTITUDES AND VALUES See: TEACHERS ATTITUDES AND VALUES STUDENTS, ATTITUDES AND VALUES	
AUTOMATIC DATA PROCESSING	783, 1275, 1298, 1323-H
BILINGUALISM	185-E
BLIND AND PARTIALLY SEEING	424-ES, 916-P, 1005-ES, 1370
BUILDINGS See: SCHOOL PLANT	
CAREER PLANS See: STUDENTS, CAREER PLANS TEACHERS, CAREERS	
CLASSROOM, ENVIRONMENT	090-E, 753, 879-H
CLASSROOM, ORGANIZATION	273-E, 1391-E

Subject	Project No.
COGNITIVE PROCESSES See: LEARNING, COGNITIVE PROCESSES	
COLLEGE, ADMISSIONS	173
COLLEGE, ATTENDANCE	008, 166, 438, 485, 657, 1269
COLLEGE, ENVIRONMENT	378, 438, 657, 729, 736, 978, 1083, 1355
COLLEGE, SUCCESS	336, 932, 938, 1133H, 1328
COLLEGE EDUCATION, FINANCING ..... See also: HIGHER EDUCATION FINANCING	708
COMMUNICATION	184-E, 217-ES, 308, 492-ES, 502-A, 639-E, 876, 908-E, 1039, 1048-PE
COMMUNITY CHARACTERISTICS	308, 309, 594
COMMUNITY COLLEGES See: JUNIOR COLLEGES	
COMMUNITY LEADERS	1324
COMPARATIVE EDUCATION See: INTERNATIONAL EDUCATION	
CONCEPT FORMATION AND DEVELOPMENT See: LEARNING, CONCEPT FORMATION AND DEVELOPMENT	
CORRELATION	637
CORRESPONDENCE STUDY	221
COUNSELING See: GUIDANCE, COUNSELING	
CREATIVITY	226-S, 566-S, 635-S, 664, 684-H, 725, 737-S, 975, 994, 1060-S, 1073-S, 1352-E

Subject	Project No.
CRITICAL THINKING See: STUDENTS, CRITICAL THINKING	
CULTURAL DEPRIVATION See: STUDENTS, UNDERPRIVILEGED	
CULTURAL FACTORS	1414
CURIOSITY See: STUDENTS, CURIOSITY	
CURRICULUM	009-H, 011-ESHA, 145-E, 275-E, 297-E, 333-H, 382-ES, 385-S, 403-S, 454, 551-S, 614-E, 629, 647-H, 715-S, 761, 896-S, 922-ES, 923-E, 969-P, 1038-S, "A", D-005-EH, D-009-S, D-022-ES
DEAF AND HARD OF HEARING ..... See also: HEARING	387-ES, 492-ES, 495-ES, 502-A, 685-E, 690-P, 907-PE, 969-P, 1383-E
DECISION-MAKING	1324
DELINQUENCY ..... See also: VANDALISM	012-S, 015-S, 178-S, 179-S, 181-S, 201-S, 507-S, 526-S, D-040-S
DEMOGRAPHY See: COMMUNITY CHARACTERISTICS	
DISSEMINATION See: RESEARCH, DISSEMINATION	
DOMESTIC SCIENCE See: HOME ECONOMICS	
DROP-OUTS See: RETENTION OF STUDENTS	
EDUCATIONAL HISTORY AND PHILOSOPHY	245
EDUCATIONAL THEORY	621
EMOTIONAL ADJUSTMENT AND DEVELOPMENT See: STUDENTS, EMOTIONAL ADJUSTMENT AND DEVELOPMENT	

Subject	Project No.
EMOTIONALLY DISTURBED ..... See also: STUDENTS, EMOTIONAL ADJUSTMENT AND DEVELOPMENT	090-E, 1186-E, D-040-S
ENGLISH See: LANGUAGE ARTS	
ESKIMOS See: ALASKAN NATIVES	
FAMILY LIFE See: PARENT-CHILD RELATIONSHIP	
FINANCE See: SCHOOL FINANCE	
FOREIGN LANGUAGE ..... See also: SPANISH, GERMAN, etc.	739-H
GENERALIZATION See: LEARNING, GENERALIZATION	
GIFTED	037-H, 052-S, 098-S, 099-E, 208-S, 263-ES, 297-E, 320-S, 392-E, 397-S, 423-E, 554-E, 578-ES, 614-E, 623-S, 923-E, 932-S, 933-E, 965-S 1097-S, 1107-H, 1203-S, 1342-S, D-009-S, D-010-E
GROUP DYNAMICS	167-PE, 623-S, 753, 798-E, 934-S, 1143-S, 1308-H
GROUPING	144-S, 577-ES, 608-S, 1283-ES
GUAMANIANS	477-E
GUIDANCE, COUNSELING	018, 052-S, 167-PE, 173-H, 336-H, 365-E, 473-H, 623-S, 702, 932-S, 933-E, 934-SH, 939-S, 1057-S, 1094-S, 1263-S, 1344-ES, 1346, 1368-S, 1393-SH, 1417-H, D-040-S
GUIDANCE, DEVELOPMENTAL	273-E
GUIDANCE, TRAINING IN	702, 939-S

Subject	Project No.
HANDWRITING	151, 263, 1163-ES
HEARING See also: DEAF AND HARD OF HEARING	172-ES, 176-ES, 263, 289-E, 418-ES, 499-ES, 649-ES, 739-H, 766-E, 973, 1001-ES, 1051-E, 1099-E
HIGHER EDUCATION See also: COLLEGE, ADMISSIONS, etc.	166, 587, 647, 708, 761, 938, 978, 1133, 1194
HIGHER EDUCATION, FINANCING See also: COLLEGE EDUCATION, FINANCING	812
HISTORY See: EDUCATIONAL HISTORY AND PHILOSOPHY	
HOME ECONOMICS	244-S
HUMAN RELATIONS	469
HUMAN RESOURCES	025-S, 221, 226-S, 320-S, 392-E, 458-A, 566, 635-S, 742-S, 1038-S, 1124-S, 1138-S, D-040-S
HUMANITIES	009-H
INDIANS See also: ALASKAN NATIVES	185-E, 275-E, 938-H
INDIVIDUAL DIFFERENCES	096-E, 320-S, 407-E, 1356-S
INFORMATION RETRIEVAL	1275, 1298
INHIBITION See: LEARNING, INHIBITION	
INSIGHT See: LEARNING, INSIGHT	
INSTRUCTIONAL AIDS	739-H, 1370, 1383-E
INSTRUCTIONAL AIDS, TEACHING MACHINES	142-E, 661-ES, 691, 864-H, 1090-E, 1172, 1242, 1267-ES, 1343-ES, 1402-SH, 1413-E, D-014-P

Subject	Project No.
INSTRUCTIONAL AIDS, TELEVISION	573-H
INSTRUCTIONAL MATERIALS ..... See also: INSTRUCTIONAL AIDS	090-E, 1165-S
INTERACTION, STUDENT-TEACHER	259A-S, 259B-S, 763-H, 816-S, 918-S, 1167-ES, 1352-E, 1391-E, 1443
INTERESTS See: STUDENTS, INTERESTS	
INTERNATIONAL EDUCATION	876, 1032, 1163-ES, 1414
JUNIOR COLLEGES ..... See also: HIGHER EDUCATION	333, 914, 1133
JUVENILE DELINQUENCY See: DELINQUENCY	
KINDERGARTEN	1134
LANGUAGE ..... See also: SPEECH LANGUAGE ARTS	151, 324-E, 502-A, 561-E, 639-E, 907-PE, 969-P, 1131-S, 1339-H, 1383-E
LANGUAGE ARTS ..... See also: LANGUAGE SPEECH	014-ES, 142-E, 263-ES, 324-E, 477-E, 538-S, 550-S, 561-E, 608, 1163-ES, 1266-ES, 1267-ES, 1339-H
LANGUAGE LABORATORY	739-H, 1339-H
LATE SCHOOL ENTRANCE See: SCHOOL ENTRANCE, LATE	
LEADERSHIP See: TEACHERS, LEADERSHIP STUDENTS, LEADERSHIP	
LEARNING	695, 1242, 1308-H
LEARNING, ANALYSIS AND SYNTHESIS	879-H
LEARNING, COGNITIVE PROCESSES	790-E, 879-H, 965-S, 1316-E
LEARNING, CONCEPT FORMATION AND DEVELOPMENT	387-ES, 578-ES, 833-ESH, 916-P, 1442-H

Subject	Project No.
LEARNING, DISCRIMINATION	076-ES, 1059-PEHA, 1440
LEARNING, GENERALIZATION	091-S, 387-ES
LEARNING, INHIBITION	091-S
LEARNING, INSIGHT	150-E, 1440
LEARNING, PAIRED ASSOCIATES	730-H, 1001-ES, 1242
LEARNING, PROBLEM SOLVING	081-ES, 091-S, 150-E, 154-E, 368-S, 578-ES, 798-E, 1015-S, 1262, 1382-H, 1440, 1449-SH
LEARNING, RECALL See: LEARNING, RECOGNITION AND RECALL	
LEARNING, RECOGNITION AND RECALL	091-S
LEARNING, REINFORCEMENT	470-ES, 862-E, 864-H, 1196-SH, 1356
LEARNING, SENSORIMOTOR	127-ES, 578-ES
LEARNING, SPATIAL ORGANIZATION	424-ES, 578-ES, 916-P
LEARNING, TEXTUAL BEHAVIOR	1048-PE
LEARNING, TRANSFER	127-ES, 1203-S, D-005-EH
LEARNING, VERBAL	289-E, 578-ES
LEISURE	748-S
LIBRARY	489-E, 874-H, 1298
LISTENING	1266-ES
MANPOWER See: HUMAN RESOURCES	
MARRIAGE	961-H
MATHEMATICS	642, 715-S, 727-E, 816-S, 1020, 1090-E, 1193-E, 1342-S, 1365-S, D-005-EH, D-009-S

Subject	Project No.
MEASUREMENT See: TEST AND MEASUREMENT	
MEDIA See: INSTRUCTIONAL AIDS	
MENTAL ABILITIES	131-ES, 297-E, 392-E, 954-E, 1040-E, 1052-A, 1060-S, 1166-P
MENTAL DEVELOPMENT See: STUDENTS, MENTAL DEVELOPMENT	
MENTAL HEALTH	753
MENTAL ILLNESS	613-S
MENTAL RETARDATION	014-ES, 015-S, 018, 019-ES, 026-E, 043-E, 055-E, 076-ES, 078-E, 081-ES, 082-E, 090-E, 091-S, 092-E, 103-E, 109-ES, 127-ES, 139-E, 144-S, 145-E, 146-S, 149, 150-E, 151, 152-E, 153-E, 154-E, 155-E, 157-ES, 159-ES, 162-S, 165-ES, 167-PE, 168-E, 170-E, 171-ES, 172-ES, 175-ES, 176-ES, 178-S, 184-E, 185-E, 186-E, 192, 263-ES, 266, 313-ES, 332-E, 365-E, 382-ES, 390-S, 408-S, 416-E, 418-ES, 470-ES, 513-ES, 578-ES, 589-E, 619-E, 661-ES, 695, 805-H, 833-ESH, 859-E, 862-E, 922-ES, 973-ES, 1182-E, 1267-ES, 1356, 1440, D-014-P
MEXICANS	185-E, 681
MIGRANT EDUCATION	042-ES, 307, 401, 674-ES, 1202
MINORITY GROUPS See: ALASKAN NATIVES GUAMANIANS INDIANS MIGRANTS PUERTO RICANS	

Subject	Project No.
MORALE See: ORGANIZATION, CLIMATE	
MOTIVATION	025-S, 154-E, 200-S, 208-S, 379-EH, 390-S, 451-S, 495-ES, 503-S, 578-ES, 701-E, 790-E, 846-S, 864-H, 873-E, 1097-S, 1138-S, 1226-ES, 1283-ES, 1344-ES, 1373
MOTOR DEVELOPMENT See: STUDENTS, PHYSICAL DEVELOPMENT	
MUSIC	554-E, 766-E, 1051-E
NATIONAL POLICY, EDUCATION AS AN INSTRUMENT OF	1032
NEGROES	008-H, 458-A, 954-E, 1168-S, 1245-E, 1339-H
OCCUPATIONS ..... See also: STUDENTS, CAREER PLANS TEACHERS, CAREER PLANS	722
ORGANIZATION, CLIMATE ..... See also: SCHOOL CLIMATE	543
ORGANIZATION, CONFLICT	330
OVER-ACHIEVEMENT See: ACHIEVEMENT, UNDER AND OVER	
PAIRED ASSOCIATES See: LEARNING, PAIRED ASSOCIATES	
PARENT-CHILD RELATIONSHIP	1353-S
PARENTS, ATTITUDES AND VALUES	011-ESHA, 018, 025, 175, 181, 247, 365, 416-E, 589, 812, 933
PARENTS, CHARACTERISTICS	812
PARENTS, COUNSELING OF	933
PEER STATUS See: STUDENTS, PEER STATUS	

Project	Project No.
PERCEPTION ..... See also: TEACHERS, PERCEPTION	151, 176-ES, 201-S, 263-ES, 554-E, 766-E, 790-E, 813, 814-E, 859-E, 896-S, 918-S, 1040, 1057-S, 1078-E, 1099-E, 1329, 1394-E
PHYSICAL DEVELOPMENT See: STUDENTS, PHYSICAL DEVELOPMENT	
PHYSICS	403-S
PLANT See: SCHOOL PLANT	
POLICY ..... See also: NATIONAL POLICY	1324
POPULATION MOBILITY	042, 307, 401, 674-ES, 722
PROBLEM SOLVING See: LEARNING, PROBLEM SOLVING	
PROFESSIONALISM	047
PUBLIC, ATTITUDES OF	1044
PUERTO RICANS	131-ES, 681, 1018-H
RATING SCALES	789
READING	019-ES, 157-ES, 162-S, 377-E, 538-S, 561-E, 620-E, 639-E, 681, 1005-ES, 1048-PE, 1099-E, 1134-E, 1163-ES, 1267-ES, 1413-E
RECALL See: LEARNING, RECOGNITION AND RECALL	
RECOGNITION See: LEARNING, RECOGNITION AND RECALL	
REINFORCEMENT See: LEARNING, REINFORCEMENT	
REORGANIZATION OF SCHOOL DISTRICTS See: SCHOOL DISTRICT REORGANIZATION	

Subject	Project No.
RESEARCH	525
RESEARCH DISSEMINATION	1298, "B", "C"
RESEARCH METHODOLOGY	149, 629, 642, 789, "A"
RETENTION OF STUDENTS	008-H, 037-H, 160-S, 166-H, 174-H, 200-S, 208-H, 226-S, 247-H, 408-S, 438-H, 485-H, 566-S, 657-H, 686-H, 708, 878-S, 951, 1146-H, 1194-H, 1269-H, 1328-SH, D-040-S
RETIREMENT EDUCATION See: AGED, EDUCATION OF	
RETROACTIVE INHIBITION See: LEARNING, INHIBITION	
ROLE THEORY See also: ADMINISTRATORS, ROLE TEACHERS, ROLE	853, 1082
RURAL EDUCATION	055-E, 375, 382-ES, 423-E, 614-E, 923-E, 1245-E, 1318
SCHEDULING	1323-H
SCHOOL CLIMATE See also: ORGANIZATION, CLIMATE	120-S, 1401-E, 1443
SCHOOL-COMMUNITY RELATIONS	308, 1039, 1044, 1324
SCHOOL DISTRICT, REORGANIZATION	375, 1044, 1318
SCHOOL DISTRICT SIZE	594
SCHOOL ENTRANCE, EARLY	D-010-E
SCHOOL ENTRANCE, LATE	457-E, 510-E
SCHOOL FINANCE	308, 341, 708, 803, 1045, 1241
SCHOOL LAW	532, 1275, 1309

Subject	Project No.
SCHOOL PLANT, AIR CONDITIONING	1067
SCHOOL PLANT, CONSTRUCTION OF	212
SCHOOL PLANT, DESIGN	918-S, 1443
SCHOOL QUALITY	148
SCHOOL TRANSPORTATION	783-ES
SCIENCE	392-E, 436-ESH, 503-S, 640-S, 715-S, 787-H, 896-S, 1107-H
SELF-CONCEPTS See: STUDENTS, SELF-CONCEPTS TEACHERS, PERCEPTION	
SELF-IMAGES See: STUDENTS, SELF-CONCEPTS	
SENSORIMOTOR LEARNING See: LEARNING, SENSORIMOTOR	
SOCIAL ADJUSTMENT AND DEVELOPMENT See: STUDENTS, SOCIAL ADJUSTMENT AND DEVELOPMENT	
SOCIAL SCIENCE	009-H
SOCIAL STUDIES	551-S, 1078-E, 1412-S
SPANISH	573, 681, 739-H
SPATIAL ORGANIZATION See: LEARNING, SPATIAL ORGANIZATION	
SPEECH ..... See also: LANGUAGE	078-E, 159-ES, 165-ES, 184-E, 495-ES, 499-ES, 502-A, 513-ES, 620-E, 639-E, 649-ES, 818-E, 907-PE, 908-E, 969-P, 1198-E, 1339-H
SPELLING	142-E, 1163-ES, 1267-ES
STANFORD-BINET INTELLIGENCE SCALE	954

Subject	Project No.
STATE DEPARTMENT OF EDUCATION	341, 591, 1241
STATISTICS	149, 637, 789, 1132, 1253, 1299, 1327
STUDENTS, ANXIETY	624-E, 1008-E, 1218-H, 1283-ES, 1382-H
STUDENTS, APTITUDES AND ABILITIES	226-S, 566-S, 590-H, 635-S, 1060-S, 1338-HA, 1342-S
STUDENTS, ASPIRATIONS See: MOTIVATION	
STUDENTS, ATTITUDES AND VALUES	012-S, 025-S, 226-S, 247-S, 259-S, 274-S, 275-E, 367-ES, 372-ES, 379-EH, 407-E, 451-S, 507-S, 562-H, 566-S, 570-ES, 613-S, 635-S, 729-H, 736-H, 757-SH, 873-E, 914-H, 961-H, 965-S, 978-H, 1018-H, 1078-E, 1328-SH, 1411-S, 1412-S, 1443
STUDENTS, CAREER PLANS	226-S, 336, 379-EH, 412-S, 436-ESH, 542-SH, 562-H, 566-S, 635-S, 757-SH, 787-H, 951-S, 1046-H, 1094-S, 1150-SH, 1194-H, 1221-S, 1283-ES, 1346, 1350-S, 1368-S, 1393-SH
STUDENTS, CHARACTERISTICS	152-E, 160-S, 226-S, 438-H, 485-H, 566-S, 635-S, 1018-H, 1139-H, 1269-H, 1393-SH, 1394-E
STUDENTS, CRITICAL THINKING ..... See also: CREATIVITY	258-S, 372-H, 590-H, 729-H
STUDENTS, CURIOSITY	801-E
STUDENTS, EMOTIONAL ADJUSTMENT AND DEVELOPMENT ..... See also: EMOTIONALLY DISTURBED	096-E, 154-E, 171-ES, 407-E, 428-S, 457-E, 510-E, 578-ES, 623-S, 624-E, 1286-ES, 1316-E, 1328-SH, 1355-H, 1401-E
STUDENTS, INFLUENCE	451-S

Subject	Project No.
STUDENTS, INTERESTS	226-S, 274-S, 367-ES, 379-EH, 407-E, 566-S, 635-S, 701-E, 748-S, 1008-E, 1350-S, 1411-S, 1412-S
STUDENTS, LEADERSHIP	217-ES, 697-E
STUDENTS, MENTAL DEVELOPMENT	082-E, 096-E, 681
STUDENTS: MOTOR DEVELOPMENT See: STUDENTS, PHYSICAL DEVELOPMENT	
STUDENTS, PEER STATUS	672-ES, 1351-E
STUDENTS, PERSONALITY	226-S, 348-H, 352-E, 397-S, 736-H, 805-H, 850-H, 914-H, 1040-E, 1060-S, 1138-S, 1218-H, 1226-ES, 1245-E, 1286-ES, 1355-H, 1411-S
STUDENTS, PHYSICAL DEVELOPMENT	096-E, 152-E, 696-E, 1394-E
STUDENTS, SELF-CONCEPTS ..... See also: PERCEPTIONS	154-E, 377-E, 451-S, 845-S, 965-S, 1008-E, 1057-S, 1316-E, 1344-ES, 1352-E, 1368-S, 1373
STUDENTS, SOCIAL ADJUSTMENTS AND DEVELOPMENT	043-E, 092-E, 096-E, 099-E, 146-S, 171-ES, 275-E, 407-E, 457-E, 492-ES, 510-E, 513-ES, 619-E, 672-ES, 923-S, 933-E, 1167-ES, 1168-S, 1182-E, 1226-ES, 1245-E, 1286-ES, 1328-SH, 1351-E, 1353-S, 1355-H, 1391-E, 1393-SH, D-014-P
STUDENTS, TRANSFER	1133-H
STUDENTS, UNDERPRIVILEGED	908-E, 935-S, 1124-S, D-014-P
SUMMER PROGRAMS	423-E, 614-E, 923-E
TALENT See: HUMAN RESOURCES	

Subject	Project No.
TEACHERS, AIDES	550-S
TEACHERS, ANXIETY	1153-E
TEACHERS, ATTITUDES AND VALUES	039, 169-H, 244-S, 457-E, 509-S, 512, 557-H, 672-ES, 873-E, 906, 933-E, 939, 1020-S, 1026-E, 1443, D-022-ES
TEACHERS, CAREERS	047, 169-H, 183, 330, 371, 485, 512, 557-H, 574-ESH
TEACHERS, EDUCATION See: TEACHERS, TRAINING	
TEACHERS, EFFECTIVENESS	173, 352-E, 353-E, 397-S, 419-E, 444, 453-S, 469, 473, 624-E, 648, 668-ES, 672-ES, 763, 850-H, 873-E, 1020, 1084-S, 1153-E, 1167, 1170-E, 1217-E, 1262
TEACHERS, INFLUENCE	451-S, 1414
TEACHERS, LEADERSHIP	570-ES, 1084-S, 1226-ES
TEACHERS, PERCEPTION	906, 929, 1153-E
TEACHERS, PERSONALITY	047, 444, 453-S, 557-H, 574-ESH, 648
TEACHERS, ROLE	065-ES, 330, 371, 906, 1082, 1167-ES
TEACHERS, SHORTAGE	221, 574
TEACHERS, TRAINING	039, 156, 174-H, 258, 275-E, 469, 473, 624-E, 648, 672-ES, 686, 702, 813, 935, 939, 1026-E, 1091-E
TEACHING MACHINES See: INSTRUCTIONAL AIDS, TEACHING MACHINES	

Subject	Project No.
TEACHING METHODS	009-H, 090-E, 155-E, 186-E, 217-ES, 258-S, 275-E, 289-E, 428-S, 873-E, 896-S, 907-PE, D-005-EH, D-009-S, D-022-ES
TEAM TEACHING	1391-E
TELEVISION See: INSTRUCTIONAL AIDS, TELEVISION	
TESTS AND MEASUREMENT	131-ES, 148, 226-S, 509-S, 566, 635, 681, 702, 789, 801-E, 939, 954, 1166-P, 1253, 1266-ES, 1299, 1327, 1344-ES, 1368-S, 1382-H, 1394-E
TEXTBOOKS	561-E
TEXTUAL BEHAVIOR See: LEARNING, TEXTUAL BEHAVIOR	
TRANSFER OF LEARNING See: LEARNING, TRANSFER	
TRANSFER OF STUDENTS See: STUDENTS, TRANSFER	
TRANSPORTATION See: SCHOOL TRANSPORTATION	
UNDER-ACHIEVEMENT See: ACHIEVEMENT, UNDER AND OVER	
UNDERPRIVILEGED See: STUDENTS, UNDERPRIVILEGED	
UNGRADED PRIMARY See: CLASSROOM ORGANIZATION	
VANDALISM ..... See also: DELINQUENCY	181-S
VERBAL LEARNING See: LEARNING, VERBAL	
VISION	172-ES, 176-ES, 499-ES, 1099-E
VOCATIONAL EDUCATION	244, 385-S, 629, 1038-S, 1350-S

Subject	Project No.

VOCATIONAL PLANS
See: STUDENTS, CAREER PLANS
TEACHERS, CAREERS
See also: OCCUPATIONS

A P P E N D I X D

LIBRARIES MAINTAINING A COMPLETE SET OF COOPERATIVE RESEARCH PROGRAM FINAL REPORTS*

ALABAMA

University of Alabama Library, University

CALIFORNIA

California State Library, Sacramento
San Diego State College Library, San Diego
University of California, The General Library, Berkeley
University of California Library, Los Angeles

COLORADO

University of Colorado Libraries, Boulder

DISTRICT OF COLUMBIA

Library of Congress

FLORIDA

Florida State University Library, Tallahassee
University of Florida Libraries, Gainesville

HAWAII

University of Hawaii Library, Honolulu

ILLINOIS

Midwest Inter-Library Center, Chicago
Northwestern University Library, Evanston
University of Chicago Library, Chicago
University of Illinois Library, Urbana

INDIANA

Ball State Teachers College Library, Muncie
Indiana State Library, Indianapolis
Indiana State Teachers College Library, Terre Haute
Indiana University Library, Bloomington
Purdue University Library, Lafayette

---

*Final reports of all Office of Education Cooperative Research Program projects are distributed to these libraries through the Documents Expediting Project of the Library of Congress.

KANSAS

Kansas City Public Library, Kansas City
University of Kansas Library, Lawrence

MARYLAND

Enoch Pratt Free Library, Baltimore
Johns Hopkins University Library, Baltimore

MICHIGAN

Detroit Public Library, Detroit
Kalamazoo College Library, Kalamazoo
Michigan State University Library, East Lansing
University of Michigan Library, Ann Arbor
Wayne State University Libraries, Detroit

MINNESOTA

University of Minnesota Library, Minneapolis

MISSOURI

Kansas City Public Library, Kansas City
University of Missouri Library, Columbia

NEBRASKA

University of Nebraska Library, Lincoln

NEW HAMPSHIRE

Dartmouth College Library, Hanover

NEW JERSEY

Princeton University Library, Princeton
Rutgers University Library, New Brunswick

NEW YORK

Brooklyn Public Library, Brooklyn
Columbia University Libraries, New York
Cornell University Library, Ithaca
New York Public Library, New York
New York State Library, Albany
United Nations Library, New York

NORTH CAROLINA

Duke University Library, Durham
North Carolina State College Library, Raleigh

OHIO

Kent State University Library, Kent
Miami University Library, Oxford

OKLAHOMA

Oklahoma State Library, Oklahoma City
Oklahoma State University Library, Stillwater

PENNSYLVANIA

American Institute for Research Library, Pittsburgh
Carnegie Library of Pittsburgh, Pittsburgh
Free Library of Philadelphia, Philadelphia
Lehigh University Library, Bethlehem
Pennsylvania State University Library, University Park

RHODE ISLAND

Brown University Library, Providence

TENNESSEE

Joint University Libraries, Nashville*
University of Tennessee Library, Knoxville

TEXAS

Dallas Public Library, Dallas

VIRGINIA

University of Virginia Library, Charlottesville

WASHINGTON

University of Washington Library, Seattle
Washington State University Library, Pullman

---

*Includes George Peabody College for Teachers, Vanderbilt University, and Scarritt College.

WISCONSIN

Milwaukee Public Library, Milwaukee

WYOMING

University of Wyoming Library, Laramie

A P P E N D I X E

FINAL REPORTS AVAILABLE FROM THE PHOTODUPLICATION SERVICE LIBRARY OF CONGRESS

Project No.	No. of Pages	Cost		Project No.	No. of Pages	Cost	
		Photocopy	Microfilm			Photocopy	Microfilm
014	35	$ 2.25	$ 2.25	416	109	$ 5.45	$ 2.25
015	98	4.90	2.25	418	65	3.25	2.25
019	68	3.40	2.25	470	383	19.15	2.25
026	185	9.25	2.25	513	96	4.80	2.25
043	100	5.00	2.25				
076	64	3.20	2.25				
078	72	3.60	2.25				
081	47	2.35	2.25				
082	214	10.70	2.25				
090	836	41.80	4.40				
091	181	9.05	2.25				
092	61	3.05	2.25				
103	262	13.10	2.25				
109	118	5.90	2.25				
127	155	7.75	2.25				
139	106	5.30	2.25				
144	304	15.20	2.25				
145	101	5.05	2.25				
146	184	9.20	2.25				
152	86	4.30	2.25				
153	175	8.75	2.25				
154	134	6.70	2.25				
155	192	9.60	2.25				
157	713	35.65	3.76				
159	168	8.40	2.25				
162	182	9.10	2.25				
165	185	9.25	2.25				
168	255	12.75	2.25				
171	189	9.45	2.25				
172	467	23.35	2.48				
176	384	19.20	2.25				
178	560	28.00	2.96				
184	280	14.00	2.25				
185	378	18.90	2.25				
263	221	11.05	2.25				
266	43	2.25	2.25				
313	80	4.00	2.25				
332	123	6.15	2.25				
365	109	5.45	2.25				
382	101	5.05	2.25				
390	26	2.25	2.25				

For
Further Information
Contact

COOPERATIVE RESEARCH PROGRAM
OFFICE OF EDUCATION
U. S. DEPARTMENT OF HEALTH,
EDUCATION, AND WELFARE
WASHINGTON 25, D. C.

UNITED STATES
GOVERNMENT PRINTING OFFICE
DIVISION OF PUBLIC DOCUMENTS
WASHINGTON 25, D.C.

OFFICIAL BUSINESS

PENALTY FOR PRIVATE USE TO AVOID
PAYMENT OF POSTAGE, $300

If you do not desire to continue to receive Office of Education publications, please CHECK HERE ☐; tear off this label and return it to the above address. Your name will then be removed promptly from the appropriate mailing list.